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VOL 1983
WATER SURVEY OF CANADA. SURFACE WATER DATA: YUKON AND NORTHWEST TERRITORIES = DONNEES SUR LES EAUX D

Surface Water Data

# Yukon and Northwest Territories

Données sur les eaux de surface

# Yukon et Territoires du Nord-Ouest

# 1982

***INLAND WATERS DIRECTORATE***
***WATER RESOURCES BRANCH***
***WATER SURVEY OF CANADA***
***OTTAWA, CANADA, 1983***

***DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES***
***DIRECTION DES RESSOURCES EN EAU***
***DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA***
***OTTAWA, CANADA, 1983***

Canada

Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

One of the primary roles of the Water Resources Branch, Environment Canada, is to maintain a systematic hydrometric survey program across the nation. This survey involves the measurement of the flow and level of water in rivers, streams and lakes, as well as compilation, analysis and publication of the data. During 1983 the Water Resources Branch will be celebrating 75 years of dedication and service to the hydrologic community.

The history of the hydrometric survey in Canada can be traced back to 1894 when some stream measurement was done in connection with irrigation surveys. However, it was not until 1908, when Parliament made its first specific appropriation for gauging streams and determining the water supply in southern Alberta and Saskatchewan, that the Hydrographic Survey was founded. The year 1911 saw the establishment of the Dominion Water Power Branch, which consolidated the hydrometric survey program already in operation for irrigation requirements, the water power investigation under way on the Winnipeg and Bow rivers, and the administration of water power on Dominion lands. In 1913 and subsequent years, arrangements were made with the provincial governments across Canada to continue the hydrometric survey program under the Dominion Water Power Branch, while passing the administration of nearly all water resources to the provinces.

In 1975 federal-provincial agreements were established which recognized that water quantity data may be collected to meet federal needs, provincial needs, or both. According to the agreements, the operation of the networks would be provided on a shared cost basis according to each party's needs.

The Dominion Water Power Branch has undergone numerous changes of name over the 75-year period, but a systematic program for the collection and publication of hydrometric data has remained. Today the program spans the nation, with data being collected at nearly 3500 different locations. The results are made available in annual publications and more recently, in a form suitable for computers. The program is being improved constantly to ensure a continued high calibre of service to the people of Canada.

L'une des principales fonctions de la Direction des ressources en eau d'Environnement Canada consiste à gérer un programme systématique de relevés hydrométriques partout au pays. Ces relevés comprennent la mesure du débit et du niveau de l'eau dans des cours d'eau et des lacs ainsi que le rassemblement, l'analyse et la publication des données. En 1983, la Direction des ressources en eau célébrera ses 75 ans de dévoués services aux hydrologistes.

Les premiers relevés hydrométriques au Canada remontent à 1894; on effectua alors certaines mesures dans des cours d'eau pour faire des relevés se rapportant à l'irrigation. Cependant, ce n'est qu'en 1908, année où le Parlement vota pour la première fois des crédits pour jauger des cours d'eau et calculer l'approvisionnement en eau dans le sud de l'Alberta et de la Saskatchewan, que les Relevés hydrographiques furent créés. L'année 1911 vit la mise sur pied des Services des forces hydrologiques du Dominion, qui réunissaient le programme déjà en cours de relevés hydrométriques à des fins d'irrigation, l'étude de l'aménagement hydro-électrique des rivières Winnipeg et Bow, qui était en cours, et la gestion des ressources hydro-électriques des terres du Dominion. En 1913 et au cours des années qui suivirent, des ententes furent conclues avec les gouvernements provinciaux en vertu desquelles le programme de relevés hydrométriques serait poursuivi sous l'autorité des Services des forces hydrologiques du Dominion, tandis que la gestion de presque toutes les ressources en eau irait aux provinces.

En 1975, les gouvernements fédéral et provinciaux conclurent des accords stipulant que des données sur le débit des eaux pouvaient être recueillies pour répondre aux besoins du fédéral ou des administrations provinciales, les coûts étant partagés entre chaque partie en proportion de ses besoins.

Les Services des forces hydrologiques du Dominion ont changé plusieurs fois de nom depuis 75 ans, mais il y a toujours eu un programme systématique de collecte et de publication des données hydrométriques. Aujourd'hui, le programme s'étend à tout le pays, et des données sont recueillies dans presque 3500 stations différentes. Les résultats paraissent dans des publications annuelles et, depuis quelque temps, ils sont présentés de façon à être traités par informatique. Le programme est amélioré pour que les Canadiens puissent profiter constamment d'un service de haute qualité.

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## PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Chief, N.W.T. Programs, Yellowknife, N.W.T. and the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

## PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision Chef des programmes des T.N.-O. Yellowknife (T.N.-O.) et du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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## INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1982 calendar year, the results of the hydrometric survey investigations which were made in the Yukon and Northwest Territories by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Chief, N.W.T. Programs,
Inland Waters Directorate,
Department of the Environment,
P.O. Box 2970,
Yellowknife, N.W.T.
X1A 2R2

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 West Pender Street,
Vancouver, B.C.
V6E 2M9

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

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## INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1982, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués au Yukon et dans les Territoires du Nord-Ouest.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef des programmes des T.N.-O.
Direction générale des eaux intérieures
Ministère de l'Environnement
C.P. 2970
Yellowknife (T.N.-O.)
X1A 2R2

Chef régional
Direction des ressources en eau
Ministère de l'environnement
502 – 1001, rue Pender ouest
Vancouver (C.-B.)
V6E 2M9

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

## ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1982, the hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Department of Indian Affairs and Northern Development.

In the Northwest Territories information on water levels is available at a few locations primarily in connection with navigation, as early as 1934 but it was not until 1944 that the Dominion Water and Power Bureau of the federal government started a regular hydrometric survey program. Similarly, in the Yukon Territories, some early records are available, the earliest being in 1902 on the Yukon River, collected by the navigation company, but it was not until 1944 that regular hydrometric work was started by the federal government. On April 1, 1975 by an exchange of letters the Ministers of Fisheries and the Environment and Indian Affairs and Northern Development agreed to share the cost of hydrometric survey programs for the Yukon and Northwest Territories. The agreements provide that the Water Survey of Canada will conduct the hydrometric surveys and that Co-ordinating Committees for the Yukon and Northwest Territories will review and plan the survey network.

## CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Northern Canada Power Commission;
Ministry of Transport;
United States Geological Survey.

## ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1982, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest en vertu d'un accord conclu avec le ministère des Affaires indiennes et du Nord.

Dans les Territoires du Nord-Ouest, les premiers relevés sur les niveaux d'eau, qui découlent des opérations de navigation en certains endroits, datent de 1934; le Bureau fédéral de l'eau et de l'énergie n'a entrepris sont programme continu d'observations qu'en 1944. De façon analogue, c'est en 1944 que le gouvernement fédéral a mis sur pied un programme permanent de mesures au Yukon; toutefois, certains relevés antérieurs sont disponibles et les premiers datent de 1902 alors que la compagnie de navigation effectuait des lectures sur le fleuve Yukon. Le 1er avril 1975, par un échange de lettres, les Ministres des Pêches et de l'Environnement et des Affaires indiennes et du Nord ont accepté de partager le coût des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest. Selon les dispositions prises, la Division des relevés hydrologiques du Canada dirigera les relevés hydrométriques tandis que les Comités de coordination pour le Yukon et les Territoires du Nord-Ouest s'occuperont de la révision des relevés et de la planification du réseau de mesures.

## COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Commission d'énergie du Nord canadien,
Ministère des transports,
*United States Geological Survey.*

## CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 5280 feet
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 2.5900 $km^2$ (square kilometres)
1 square mile equals 640 acres

1 ha (hectare) equals 10 000 $m^2$ (square metres)
1 ha (hectare) equals 2.4710 acres
1 $km^2$ (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 0.160 54 cubic foot
1 imperial gallon equals 4.546 09 L (litres)
1 U.S. gallon equals 0.133 68 cubic foot
1 imperial gallon equals 1.2010 U.S. gallons

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 $dam^3$ (cubic decametres)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second

1 cubic foot per second equals 0.028 317 $m^3/s$ (cubic metre per second)
1 $m^3/s$ (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

## FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre vaut 5280 pieds
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre équivaut à 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré équivaut à 2.5900 $km^2$ (kilomètres carrés)
1 mille carré vaut 640 acres

1 ha (hectare) vaut 10 000 $m^2$ (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 $km^2$ (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial équivaut à 0.160 54 pied cube
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon américain équivaut à 0.133 68 pied cube
1 gallon impérial équivaut à 1.2010 gallon américain

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 $dam^3$ (décamètres cubes)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde

1 pied cube par seconde équivaut à 0.028 317 $m^3/s$ (mètre cube par seconde)
1 $m^3/s$ (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

## DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" ($m^3/s$) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

## PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

*Surface Water Data* have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

## DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» ($m^3/s$) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

## PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every three years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les trois ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every three years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les trois ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

## METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

## PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

*International Gauging Stations* – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

*Type of Gauge* – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

*Stations internationales de jaugeage* (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

*Type de jauge* (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

*Location* – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located in appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

*Drainage Area* – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

*Contributed Data* – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

*Natural Flow* or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

*Gauge Datum* – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

*Remarks* – unusual conditions which occur at a station are explained.

## REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

*Emplacement* (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

*Superficie du bassin versant* (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

*Données fournies* (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

*Débit naturel* ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

*Plan de référence des jauges* (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

*Remarques* (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

## RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

## ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

## MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by Region, therefore data for a particular province may include fiche from two or more Regions. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, Region, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

## EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

## MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région. Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

# SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

YUKON TERRITORY

## AISHINIK LAKE NEAR WHITEHORSE - STATION NO. 08AA005

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.496 | 1.383 | 1.168 | --- | 1.003 | 1.314 | 1.842 | 2.121E | 2.326 | 2.411 | 2.382 | 2.326 | 1 |
| 2 | 1.491 | 1.326 | 1.167 | --- | 1.012 | 1.339 | 1.864 | 2.131E | 2.333 | 2.411 | 2.385 | 2.325 | 2 |
| 3 | 1.488 | 1.306 | 1.165 | --- | 1.006 | 1.370 | 1.873 | 2.137E | 2.337 | 2.409 | 2.390 | 2.323 | 3 |
| 4 | 1.486 | 1.296 | 1.164 | --- | 0.996 | 1.395 | 1.878 | 2.145A | 2.339 | 2.407 | 2.396 | 2.322 | 4 |
| 5 | 1.483 | 1.293 | 1.163 | --- | 0.995 | 1.420 | 1.893 | 2.149 | 2.327 | 2.402 | 2.396 | 2.318 | 5 |
| 6 | 1.481 | 1.293 | 1.161 | --- | 0.999 | 1.441 | 1.909 | 2.155 | 2.336 | 2.422 | 2.391 | 2.312 | 6 |
| 7 | 1.477 | 1.291 | 1.155 | --- | 0.997 | 1.470 | 1.922 | 2.158 | 2.337 | 2.386 | 2.383 | 2.308 | 7 |
| 8 | 1.473 | 1.288 | 1.149 | --- | 0.981 | 1.523 | 1.929 | 2.161 | 2.348 | 2.392 | 2.376 | 2.297 | 8 |
| 9 | 1.471A | 1.292 | 1.152 | --- | 0.976 | 1.539 | 1.930 | 2.168 | 2.355 | 2.400 | 2.371 | 2.293 | 9 |
| 10 | --- | 1.265 | 1.161A | --- | 0.973 | 1.548 | 1.940 | 2.182 | 2.355 | 2.393 | 2.374 | 2.297 | 10 |
| 11 | --- | 1.288 | --- | --- | 0.984 | 1.552 | 1.943 | 2.182 | 2.358 | 2.387 | 2.369 | 2.297 | 11 |
| 12 | --- | 1.250 | --- | --- | 1.019 | 1.582 | 1.953 | 2.220 | 2.366 | 2.383 | 2.365 | 2.294 | 12 |
| 13 | --- | 1.228 | --- | --- | 1.038 | 1.625 | 1.969 | 2.227 | 2.351 | 2.361 | 2.356 | 2.286 | 13 |
| 14 | --- | 1.225 | --- | --- | 0.999 | 1.655 | 1.979 | 2.225 | 2.351 | 2.399 | 2.367 | 2.284 | 14 |
| 15 | --- | 1.222 | --- | --- | 1.008 | 1.674 | 1.978 | 2.229 | 2.352 | 2.432 | 2.366 | 2.281 | 15 |
| 16 | --- | 1.222 | --- | --- | 1.022 | 1.699 | 1.970 | 2.234 | 2.340 | 2.398 | 2.366 | 2.280 | 16 |
| 17 | --- | 1.222 | --- | --- | 1.032 | 1.720 | 1.999 | 2.251 | 2.358 | 2.398 | 2.370 | 2.281 | 17 |
| 18 | --- | 1.221 | --- | --- | 1.050 | 1.728 | 2.010 | 2.264 | 2.364 | 2.397 | 2.363 | 2.278 | 18 |
| 19 | --- | 1.219 | --- | 0.981A | 1.068 | 1.735 | 2.023 | 2.272 | 2.359 | 2.399 | 2.360 | 2.278 | 19 |
| 20 | --- | 1.215 | --- | 0.979 | 1.088 | 1.732 | 2.007 | 2.276 | 2.365 | 2.420 | 2.360 | 2.278 | 20 |
| 21 | --- | 1.217 | --- | 0.990 | 1.113 | 1.770 | 2.026 | 2.279 | 2.374 | 2.413 | 2.359 | 2.276 | 21 |
| 22 | --- | 1.215 | --- | 0.998 | 1.132 | 1.798 | 2.037 | 2.283 | 2.374 | 2.415 | 2.358 | 2.270 | 22 |
| 23 | --- | 1.211 | 1.110A | 0.998 | 1.151 | 1.810 | 2.046 | 2.282 | 2.398 | 2.409 | 2.355 | 2.266 | 23 |
| 24 | --- | 1.203 | 1.112 | 0.998 | 1.168 | 1.824 | 2.050 | 2.286 | 2.404 | 2.404 | 2.353 | 2.267 | 24 |
| 25 | --- | 1.199 | 1.104 | 0.996 | 1.157 | 1.833 | 2.061 | 2.298 | 2.403 | 2.398 | 2.352 | 2.265 | 25 |
| 26 | --- | 1.187 | 1.108 | 1.012 | 1.169 | 1.844 | 2.073A | 2.311 | 2.398 | 2.399 | 2.342 | 2.261 | 26 |
| 27 | 1.387A | 1.178 | 1.121 | 1.017 | 1.184 | 1.855 | 2.081E | 2.317 | 2.409 | 2.393 | 2.339 | 2.259 | 27 |
| 28 | 1.385 | 1.171 | 1.117E | 1.015 | 1.212 | 1.845 | 2.088E | 2.316 | 2.405 | 2.384 | 2.335 | 2.260 | 28 |
| 29 | 1.366 | | 1.111E | 1.014 | 1.240 | 1.845 | 2.095E | 2.305 | 2.393 | 2.391 | 2.333 | 2.245 | 29 |
| 30 | 1.359 | | 1.105E | 1.010 | 1.269 | 1.825 | 2.106E | 2.305 | 2.403 | 2.401 | 2.327 | 2.251 | 30 |
| 31 | 1.351 | | 1.101E | | 1.288 | | 2.114E | 2.302 | | 2.397 | | 2.246 | 31 |
| MEAN | --- | 1.247 | --- | --- | 1.075 | 1.684 | 1.986 | 2.232 | 2.363 | 2.400 | 2.365 | 2.284 | MEAN |
| MAX | --- | 1.343 | --- | --- | 1.288 | 1.855 | 2.114 | 2.317 | 2.409 | 2.422 | 2.396 | 2.325 | MAX |
| MIN | --- | 1.171 | --- | --- | 0.973 | 1.314 | 1.842 | 2.121 | 2.326 | 2.361 | 2.327 | 2.245 | MIN |

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1982

MAXIMUM DAILY, 2.422 ON OCT 5
MINIMUM DAILY, 0.973 ON MAY 10
MAXIMUM INSTANTANEOUS,
2.435 AT 16:42 YST ON OCT 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 53 N
LONG 136 59 53 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1974

## AISHINIK RIVER BELOW AISHINIK LAKE - STATION NO. 08AA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.49B | 14.6B | 12.8 B | 5.60B | 5.58E | 9.77 | 3.77 | 4.13 | 4.28 | 4.11 | 9.35 | 10.5 B | 1 |
| 2 | 7.48B | 14.6B | 12.8 B | 5.59B | 5.58E | 10.1 | 3.73 | 4.06 | 4.21 | 4.61 | 9.28 | 10.5 B | 2 |
| 3 | 7.48B | 14.6B | 12.8 B | 5.60B | 5.58E | 9.76 | 3.86 | 4.08 | 4.25 | 5.01 | 9.12 | 10.5 B | 3 |
| 4 | 7.49B | 14.6B | 12.8 B | 5.61B | 7.00E | 9.30 | 4.07 | 3.97 | 4.28 | 5.55 | 9.06 | 10.5 B | 4 |
| 5 | 7.49B | 14.6B | 5.61B | 5.61B | 8.40E | 8.68 | 4.03 | 3.78 | 4.28 | 6.31 | 9.04 | 10.5 B | 5 |
| 6 | 7.50B | 14.6B | 5.61B | 5.61B | 13.0 E | 8.03 | 4.06 | 3.95 | 4.26 | 6.36 | 9.15 | 10.5 B | 6 |
| 7 | 7.50B | 14.6B | 5.61B | 5.60B | 13.0 E | 7.87 | 4.08 | 4.01 | 4.22 | 6.39 | 9.24 | 10.5 B | 7 |
| 8 | 7.50B | 14.6B | 5.65B | 5.61B | 13.0 E | 8.30 | 4.08 | 4.08 | 4.23 | 6.47 | 9.27 | 10.5 B | 8 |
| 9 | 7.50B | 14.6B | 5.69B | 5.60B | 13.0 E | 8.71 | 4.03 | 4.08 | 4.16 | 6.51 | 9.40 | 10.5 B | 9 |
| 10 | 7.50B | 14.6B | 5.74B | 5.61B | 11.4 E | 8.60 | 3.94 | 3.98 | 4.11 | 6.56 | 9.27 | 10.5 B | 10 |
| 11 | 11.3 B | 14.6B | 5.79B | 5.60B | 9.81A | 8.19 | 3.81 | 3.94 | 4.21 | 6.52 | 9.31 | 8.20B | 11 |
| 12 | 11.3 B | 14.6B | 5.83B | 5.61B | 7.52 | 7.67 | 3.79 | 4.00 | 4.34 | 6.54 | 9.29 | 7.60B | 12 |
| 13 | 11.3 B | 14.6B | 5.74B | 5.60B | 6.58 | 7.19 | 3.83 | 3.91 | 4.32 | 6.57 | 9.31 | 7.60B | 13 |
| 14 | 11.3 B | 14.6B | 5.69B | 5.60B | 6.82 | 6.74 | 3.84 | 4.18 | 4.34 | 6.70 | 9.28 | 7.60B | 14 |
| 15 | 11.3 B | 14.1B | 5.61B | 5.61B | 8.80 | 6.12 | 3.80 | 4.39 | 4.26 | 6.67 | 9.31 | 7.60B | 15 |
| 16 | 11.3 B | 14.1B | 5.60B | 5.61B | 8.60 | 5.55 | 3.83 | 4.29 | 4.23 | 6.67 | 9.19 | 7.60B | 16 |
| 17 | 10.8 B | 14.1B | 5.61B | 5.60B | 7.84 | 5.14 | 3.88 | 4.12 | 4.21 | 6.72 | 9.18 | 7.60B | 17 |
| 18 | 10.8 B | 14.1B | 5.61B | 5.61B | 6.59 | 4.76 | 3.87 | 3.94 | 4.23 | 6.79 | 9.05 | 7.60B | 18 |
| 19 | 10.8 B | 14.1B | 5.60B | 5.60B | 6.94 | 4.50 | 3.57 | 3.80 | 4.45 | 6.81 | 8.98 | 7.60B | 19 |
| 20 | 10.8 B | 14.1B | 5.61B | 4.60B | 7.90 | 4.31 | 3.44 | 3.74 | 4.58 | 6.87 | 5.85B | 7.60B | 20 |
| 21 | 10.8 B | 14.1B | 5.61B | 4.58B | 8.50 | 4.25 | 3.91 | 3.73 | 4.50 | 7.03 | 7.00B | 7.60B | 21 |
| 22 | 10.8 B | 13.8B | 5.61B | 7.40B | 7.95 | 4.08 | 3.91 | 3.65 | 4.51 | 7.32 | 8.60B | 7.60B | 22 |
| 23 | 10.8 B | 13.8B | 5.61B | 7.40B | 7.32 | 3.80 | 3.89 | 3.78 | 4.44 | 7.60 | 8.60B | 7.60B | 23 |
| 24 | 10.8 B | 13.8B | 5.61B | 7.38B | 7.17 | 3.57 | 3.95 | 4.01 | 4.26 | 8.15 | 10.5 B | 7.60B | 24 |
| 25 | 14.6 B | 13.8B | 5.61B | 5.58B | 6.76 | 3.45 | 3.94 | 4.41 | 4.15 | 8.16 | 11.1 B | 7.60B | 25 |
| 26 | 14.6 B | 13.8B | 5.60B | 5.58B | 6.58 | 3.37 | 3.93 | 4.41 | 4.17 | 8.71 | 11.0 B | 7.60B | 26 |
| 27 | 14.6 B | 13.8B | 5.60B | 5.58B | 6.72 | 3.38 | 3.94 | 4.37 | 4.22 | 9.38 | 11.0 B | 7.60B | 27 |
| 28 | 14.6 B | 13.8B | 5.59B | 5.58B | 7.43 | 3.45 | 3.94 | 4.27 | 4.14 | 11.1 | 10.9 B | 7.60B | 28 |
| 29 | 14.6 B | | 5.60B | 5.58B | 8.49 | 5.39 | 3.88 | 4.15 | 4.10 | 9.68 | 10.5 B | 7.60B | 29 |
| 30 | 14.6 B | | 5.59B | 5.58B | 9.23 | 3.81 | 3.96 | 4.21 | 4.10 | 9.38 | 10.5 B | 7.60B | 30 |
| 31 | 14.6 B | | 5.60B | | 9.49 | | 4.01 | 4.36 | | 9.45 | | 7.59B | 31 |
| TOTAL | 334.93 | 392.7 | 203.43 | 166.88 | 262.26 | 187.82 | 120.56 | 125.70 | 127.96 | 228.62 | 278.16 | 265.19 | TOTAL |
| MEAN | 10.5 | 14.0 | 6.56 | 5.56 | 8.46 | 6.26 | 3.89 | 4.05 | 4.27 | 7.12 | 9.27 | 8.55 | MEAN |
| MAX | 14.6 | 14.6 | 12.8 | 7.40 | 13.0 | 10.1 | 4.08 | 4.41 | 4.51 | 11.1 | 11.1 | 10.5 | MAX |
| MIN | 7.48 | 12.8 | 5.59 | 4.60 | 5.58 | 3.37 | 3.44 | 3.65 | 4.10 | 4.11 | 5.85 | 7.59 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.33
MAXIMUM DAILY, 14.6B ON JAN 25
MINIMUM DAILY, 3.37 ON JUN 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 04 N
LONG 136 59 34 W
DRAINAGE AREA, 2 960 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 28 100 | JUL | 16 400 |
| FEB | 33 900 | AUG | 16 900 |
| MAR | 17 600 | SEP | 11 100 |
| APR | 14 400 | OCT | 19 100 |
| MAY | 22 700 | NOV | 24 000 |
| JUN | 16 200 | DEC | 22 900 |

TOTAL DISCHARGE, 231 000 dam³

YUKON TERRITORY

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO. 09AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.2 B | 12.1 B | 10.8 B | 9.50B | 7.00B | 85.0E | 12.9 | 9.82 | 11.6 | 7.71 | 9.30B | 13.5 B | 1 |
| 2 | 13.5 B | 12.4 B | 10.8 B | 9.60B | 6.00B | 51.0E | 13.8 | 12.9 | 12.0 | 7.23 | 10.6 B | 15.0 B | 2 |
| 3 | 14.0 B | 11.8 B | 10.4 B | 9.30B | 6.50B | 56.9A | 11.9 | 19.1 | 12.3 | 8.88 | 10.8 B | 12.0 B | 3 |
| 4 | 14.2 B | 9.20B | 8.90B | 9.10B | 6.70B | 58.0E | 11.6 | 17.6 | 11.8 | 8.18 | 8.00B | 11.0 B | 4 |
| 5 | 13.8 B | 9.30B | 9.50B | 7.20B | 6.70B | 62.0E | 12.5 | 15.9 | 11.2 | 8.68 | 6.40B | 12.0 B | 5 |
| 6 | 13.7 B | 9.40B | 10.2 B | 5.50B | 6.70B | 65.0E | 12.6 | 19.3 | 11.0 | 8.85 | 7.00B | 13.5 B | 6 |
| 7 | 12.2 B | 8.70B | 9.00B | 8.00B | 6.60B | 68.5A | 12.8 | 17.3 | 11.7 | 8.63 | 7.60B | 12.5 B | 7 |
| 8 | 9.80B | 6.50B | 8.60B | 10.5 B | 9.00B | 71.0 | 14.2 | 14.6 | 11.5 | 9.63 | 8.20B | 11.0 B | 8 |
| 9 | 11.0 B | 8.50B | 7.60B | 6.00B | 10.5 B | 67.3 | 14.3 | 13.5 | 10.8 | 9.56 | 8.40B | 8.80B | 9 |
| 10 | 12.0 B | 9.60B | 7.20B | 6.00B | 12.0 B | 59.0 | 12.9 | 12.9 | 10.8 | 10.4 | 7.60B | 8.20B | 10 |
| 11 | 11.2 B | 11.0 B | 6.40B | 5.00B | 10.5 B | 49.9 | 12.1 | 12.4 | 10.5 | 10.5 | 6.30B | 9.00B | 11 |
| 12 | 10.6 B | 12.1 B | 5.80B | 7.80B | 15.0 B | 42.7 | 12.0 | 14.2 | 9.70 | 9.81 | 7.00B | 10.5 B | 12 |
| 13 | 9.50B | 11.0 B | 6.00B | 7.00B | 16.0 B | 33.6 | 11.7 | 10.8 | 10.2 | 10.4 | 7.70B | 9.00B | 13 |
| 14 | 8.60Z | 9.90B | 8.00B | 7.80B | 18.0 B | 27.7 | 11.6 | 15.8 | 9.92 | 10.6 | 6.20B | 8.00B | 14 |
| 15 | 10.0 B | 8.00B | 8.00B | 7.90B | 19.5 B | 25.2 | 11.6 | 13.7 | 9.73 | 10.9 | 6.90B | 8.45B | 15 |
| 16 | 11.5 B | 8.45B | 9.40B | 8.10B | 20.5 E | 22.9 | 11.7 | 12.7 | 7.59 | 11.3 | 7.20B | 9.00B | 16 |
| 17 | 12.5 B | 9.50B | 9.00B | 7.60B | 20.0 E | 21.4 | 11.2 | 12.1 | 6.07 | 10.8 | 8.00B | 10.0 B | 17 |
| 18 | 13.7 B | 10.2 B | 7.20B | 6.80B | 19.5 E | 21.7 | 10.7 | 11.8 | 7.34A | 8.91 | 9.20B | 10.7 B | 18 |
| 19 | 14.0 B | 11.0 B | 5.00B | 7.00B | 22.0 E | 27.5 | 11.3 | 11.7 | 7.06 | 8.70B | 10.0 B | 9.05B | 19 |
| 20 | 14.6 B | 11.4 B | 5.00B | 8.50B | 23.5 E | 33.0 | 12.1 | 11.4 | 6.49 | 8.80B | 12.5 B | 10.0 B | 20 |
| 21 | 15.0 B | 11.4 B | 5.20B | 7.80B | 25.0 E | 23.2 | 11.5 | 11.1 | 5.71 | 9.00B | 10.0 B | 11.5 B | 21 |
| 22 | 15.6 B | 11.4 B | 5.50B | 7.00B | 26.5 E | 28.2 | 10.7 | 10.6 | 6.83 | 8.40B | 8.05B | 14.0 B | 22 |
| 23 | 14.2 B | 11.0 B | 6.60B | 6.80B | 28.0 E | 13.7A | 10.4 | 10.4 | 5.87 | 7.63B | 7.10B | 13.0 B | 23 |
| 24 | 13.2 B | 9.50B | 8.20B | 6.60B | 29.5 E | 11.9 | 9.66 | 10.2 | 5.73 | 6.95B | 6.83B | 10.0 B | 24 |
| 25 | 14.0 B | 7.80B | 8.00B | 8.00B | 31.5 E | 13.3 | 8.89 | 10.0 | 6.83 | 7.57B | 6.35B | 8.80B | 25 |
| 26 | 14.5 B | 6.30B | 7.00B | 8.80B | 32.0 E | 14.2 | 9.55 | 10.7 | 7.28 | 8.40B | 6.80B | 7.60B | 26 |
| 27 | 13.3 B | 8.00B | 8.10B | 7.30B | 32.5 E | 15.3 | 9.82 | 11.6 | 7.84 | 9.40B | 6.60B | 6.20B | 27 |
| 28 | 12.0 B | 11.5 B | 8.60B | 6.90B | 30.0 E | 16.4 | 9.71 | 11.5 | 7.35 | 10.6 B | 7.00B | 6.20B | 28 |
| 29 | 11.6 B | | 9.00B | 7.20B | 33.5 E | 15.5 | 9.47 | 11.2 | 7.45 | 9.07B | 9.05B | 5.60B | 29 |
| 30 | 11.0 B | | 9.20B | 7.60B | 36.0 E | 13.5 | 9.58 | 11.7 | 7.45 | 8.29B | 10.6 B | 5.00B | 30 |
| 31 | 12.0 B | | 9.35B | | 40.0 E | | 8.82 | 11.7 | | 8.50B | | 5.00B | 31 |
| TOTAL | 390.80 | 276.15 | 250.18 | 227.00 | 623.50 | 1 067.3 | 352.60 | 408.52 | 266.84 | 281.48 | 242.48 | 305.10 | TOTAL |
| MEAN | 12.6 | 9.86 | 8.07 | 7.57 | 20.1 | 35.6 | 11.4 | 13.2 | 8.89 | 9.08 | 8.08 | 9.84 | MEAN |
| MAX | 15.6 | 12.4 | 10.8 | 10.5 | 40.0 | 71.8 | 14.3 | 19.3 | 12.3 | 11.3 | 12.5 | 15.0 | MAX |
| MIN | 8.60 | 6.30 | 5.00 | 6.00 | 7.80 | 11.9 | 8.82 | 9.82 | 5.71 | 6.95 | 6.20 | 5.00 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 71.8 ON JUN 8
MINIMUM DAILY, 4.00B ON APR 10
MAXIMUM INSTANTANEOUS,
76.5 AT 16:00 YST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 40 N
LONG 137 03 40 W
DRAINAGE AREA, 4 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 33 800 | JUL | 30 500 |
| FEB | 23 900 | AUG | 35 300 |
| MAR | 21 600 | SEP | 23 100 |
| APR | 19 600 | OCT | 24 300 |
| MAY | 53 900 | NOV | 21 000 |
| JUN | 92 200 | DEC | 26 400 |

TOTAL DISCHARGE, 406 000 dam³

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 08AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 31.0B | 26.0B | 23.5B | 40.0B | 34.0E | 201E | 569 | 788 | 393 | 159 | 74.0 | 45.5B | 1 |
| 2 | 31.0B | 27.0B | 24.5B | 39.0B | 36.0E | 239E | 561 | 698 | 351 | 145 | 73.9 | 44.0B | 2 |
| 3 | 31.5B | 28.0B | 25.2B | 41.0B | 38.0E | 285E | 535 | 682 | 321 | 133 | 72.0 | 44.0B | 3 |
| 4 | 31.5B | 29.0B | 26.0B | 45.0B | 41.0E | 340E | 498 | 692 | 294 | 127 | 71.8 | 44.0B | 4 |
| 5 | 32.0B | 28.5B | 25.0B | 43.0B | 41.7E | 190E | 469 | 655 | 280 | 118 | 72.3 | 45.0B | 5 |
| 6 | 31.0B | 25.0B | 25.5B | 42.0B | 42.5E | 240E | 464 | 627 | 285 | 110 | 58.0B | 46.0B | 6 |
| 7 | 30.0B | 22.5B | 25.0B | 35.0B | 43.0E | 305A | 524 | 605 | 298 | 104 | 56.0B | 47.0B | 7 |
| 8 | 28.5B | 22.0B | 26.0B | 26.0B | 43.8E | 369 | 598 | 593 | 301 | 102 | 55.0B | 48.0B | 8 |
| 9 | 27.0B | 20.0B | 25.0B | 35.0B | 44.0E | 425 | 614 | 593 | 284 | 101 | 54.0B | 48.0B | 9 |
| 10 | 25.5B | 19.5B | 22.0B | 49.0B | 46.0E | 454 | 610 | 573 | 264 | 113 | 53.0B | 47.0B | 10 |
| 11 | 26.0B | 18.0B | 18.5B | 35.0B | 47.0E | 456 | 605 | 585 | 240 | 119 | 53.0B | 47.0B | 11 |
| 12 | 28.0B | 16.9B | 20.0B | 19.0B | 48.0E | 449 | 579 | 510 | 224 | 119 | 54.0B | 46.5B | 12 |
| 13 | 27.0B | 22.5B | 21.0B | 32.0B | 50.0E | 434 | 572 | 521 | 211 | 136 | 54.5B | 46.5B | 13 |
| 14 | 25.5B | 24.5B | 24.0B | 35.0B | 51.6E | 406 | 568 | 548 | 239 | 136 | 54.0B | 47.0B | 14 |
| 15 | 22.5B | 24.0B | 26.5B | 37.0B | 53.0E | 377 | 601 | 587 | 383 | 125 | 55.0B | 47.0B | 15 |
| 16 | 25.0B | 23.5B | 27.0B | 37.0B | 55.0E | 358 | 634 | 609 | 394 | 111 | 54.0B | 46.0B | 16 |
| 17 | 27.0B | 23.0B | 29.0B | 38.0B | 57.0E | 345 | 642 | 595 | 433 | 103 | 53.5B | 44.0B | 17 |
| 18 | 26.0B | 21.0B | 28.0B | 36.0B | 59.2E | 363 | 634 | 551 | 398 | 100 | 51.5B | 43.0B | 18 |
| 19 | 25.5B | 20.0B | 29.0B | 39.0B | 62.0E | 419 | 565 | 517 | 371 | 94.8 | 50.0B | 42.0B | 19 |
| 20 | 26.5B | 22.0B | 25.5B | 34.0B | 65.6E | 461 | 572 | 503 | 385 | 93.8 | 49.0B | 41.5B | 20 |
| 21 | 28.5B | 23.0B | 25.0B | 37.0B | 70.1E | 447 | 621 | 499 | 371 | 91.9 | 48.5B | 40.5B | 21 |
| 22 | 28.0B | 22.5B | 25.5B | 46.0B | 73.0E | 446 | 668 | 503 | 340 | 88.4 | 48.0B | 40.0B | 22 |
| 23 | 30.0B | 22.0B | 27.0B | 39.0B | 78.4E | 450 | 680 | 509 | 314 | 84.6 | 48.5B | 40.5B | 23 |
| 24 | 31.0B | 23.5B | 29.0B | 36.0B | 83.0E | 476 | 681 | 536 | 275 | 87.7 | 48.5B | 41.0B | 24 |
| 25 | 29.5B | 23.0B | 31.0B | 32.0B | 90.0E | 520 | 682 | 542 | 231 | 87.1 | 49.0B | 42.0B | 25 |
| 26 | 30.0B | 21.5B | 34.0B | 32.0B | 98.0E | 566 | 686 | 521 | 193 | 85.8 | 49.0B | 42.0B | 26 |
| 27 | 29.5B | 20.0B | 33.0B | 34.0B | 107 E | 606 | 681 | 484 | 178 | 77.3 | 48.5B | 42.5B | 27 |
| 28 | 28.5B | 19.5B | 32.0B | 43.0B | 120 E | 628 | 701 | 450 | 152 | 75.4 | 48.5B | 42.0B | 28 |
| 29 | 28.0B | | 33.0B | 35.0B | 135 E | 633 | 746 | 428 | 142 | 67.8 | 48.0B | 42.0B | 29 |
| 30 | 27.0B | | 35.0B | 34.0B | 154 E | 596 | 827 | 407 | 159 | 62.4 | 46.0B | 41.5B | 30 |
| 31 | 25.5B | | 38.0B | | 175 E | | 897 | 398 | | 63.6 | | 42.0B | 31 |
| TOTAL | 873.5 | 637.9 | 836.7 | 1 101.6 | 2 141.9 | 12 375 | 19 280 | 17 269 | 8 616 | 3 221.6 | 1 651.0 | 1 365.0 | TOTAL |
| MEAN | 28.2 | 22.8 | 27.0 | 36.7 | 69.1 | 413 | 622 | 557 | 287 | 104 | 55.0 | 44.0 | MEAN |
| MAX | 32.0 | 29.0 | 38.0 | 49.0 | 175 | 629 | 897 | 788 | 433 | 159 | 74.0 | 48.0 | MAX |
| MIN | 22.5 | 16.9 | 18.5 | 19.0 | 34.0 | 190 | 464 | 398 | 142 | 62.4 | 46.0 | 40.0 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 190
MAXIMUM DAILY, 897 ON JUL 31
MINIMUM DAILY, 16.9B ON FEB 12
MAXIMUM INSTANTANEOUS,
926 AT 11:27 YST ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 00 N
LONG 137 58 27 W
DRAINAGE AREA, 16 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 73 500 | JUL | 1 670 000 |
| FEB | 55 100 | AUG | 1 490 000 |
| MAR | 73 300 | SEP | 744 000 |
| APR | 95 100 | OCT | 278 000 |
| MAY | 185 000 | NOV | 143 000 |
| JUN | 1 070 000 | DEC | 118 000 |

TOTAL DISCHARGE, 6 000 000 dam³

YUKON TERRITORY

## PASSAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10BD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 7.48B | 52.5 | 10.2 | 11.1 | 19.1 | 0B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 8.65B | 53.4 | 11.5 | 10.3 | 18.6 | 0B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 10.4 B | 45.6 | 47.6 | 9.38 | 15.5 B | 0B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 12.7 B | 41.2 | 66.9 | 8.67 | 13.2 B | 0B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 15.6 B | 35.5 | 36.7 | 12.9 | 11.3 B | 0B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 19.8 B | 58.9 | 23.7 | 12.7 | 9.58 B | 0B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 26.9 B | 37.5 | 16.2 | 14.1 | 8.28 B | 0B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 34.5 B | 27.8 | 12.5 | 23.1 | 7.18 B | 0B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 47.0 B | 23.1 | 10.6 | 30.1 | 6.22 B | 0B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 69.0 B | 19.7 | 10.4 | 29.5 | 5.48 B | 0B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0.050B | 106 B | 19.7 | 10.3 | 21.1 | 4.78 B | 0B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0.100B | 172 | 18.4 | 9.59 | 22.7 | 4.20 B | 0B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0.180B | 208 | 16.8 | 8.97 | 21.9 | 3.74 B | 0B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0.270B | 234 | 16.3 | 9.26 | 18.0 | 3.33 B | 0B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0.370B | 177 | 16.0 | 8.90 | 16.7 | 3.00 B | 0B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0.520B | 100 | 18.4 | 8.94 | 14.0 | 2.71 B | 0B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0.740B | 87.9 | 18.3 | 8.26 | 12.0 | 2.47 B | 0B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0.970B | 78.2 | 15.8 | 7.86 | 12.5 | 2.28 B | 0B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 1.18 B | 118 | 14.2 | 8.36 | 12.1 | 2.03 B | 0B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 1.48 B | 121 | 13.5 | 14.8 | 20.4 | 1.78 B | 0B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 1.80 B | 83.9 | 13.4 | 18.8 | 54.5 | 1.38 B | 0B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 2.08 B | 166 | 15.3 | 16.9 | 66.8 | 1.10 B | 0B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 2.30 B | 165 | 14.4 | 14.0 | 54.4 | 0.840B | 0B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 2.56 B | 127 | 14.8 | 11.8 | 54.0 | 0.640B | 0B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 2.87 B | 111 | 12.0 | 10.1 | 35.0 | 0.480B | 0B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 3.23 B | 101 | 10.3 | 9.10 | 26.9 | 0.320B | 0B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 3.65 B | 98.8 | 10.4 | 8.01 | 22.4 | 0.180B | 0B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 4.12 B | 85.1 | 9.08 | 7.85 | 19.6 | 0.080B | 0B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 4.74 B | 69.9 | 8.62 | 7.86 | 17.5 | 0.030B | 0B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 5.45 B | 59.5 | 8.30 | 8.94 | 17.1 | 0 B | 0B | 0B | 30 |
| 31 | 0B | | 0B | | 6.26 B | | 8.90 | 11.1 | | 0 B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 44.930 | 2 738.35 | 680.06 | 466.00 | 681.41 | 149.370 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 1.45 | 98.7 | 21.9 | 15.0 | 22.7 | 4.82 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 6.26 | 234 | 53.4 | 66.9 | 54.5 | 19.1 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 7.48 | 8.30 | 7.85 | 8.67 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.0
MAXIMUM DAILY, 234 ON JUN 14
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
317 AT 00:39 MST ON JUN 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 50 22 N
LONG 138 40 05 W
DRAINAGE AREA, 1 510 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 58 800 |
| FEB | 0 | AUG | 40 300 |
| MAR | 0 | SEP | 58 900 |
| APR | 0 | OCT | 12 900 |
| MAY | 3 880 | NOV | 0 |
| JUN | 235 000 | DEC | 0 |

TOTAL DISCHARGE, 410 080 dam³

## BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.8 B | 12.0B | 10.5B | 11.2B | 40.0B | 173 | 45.2 | 28.3 | 55.9 | 39.4 | 24.8B | 19.9B | 1 |
| 2 | 10.3 B | 11.7B | 10.6B | 11.7B | 41.0B | 176 | 43.5 | 28.6 | 54.9 | 38.8 | 24.9B | 19.3B | 2 |
| 3 | 10.0 B | 11.8B | 10.8B | 12.1B | 39.0B | 176 | 43.2 | 28.5 | 56.4 | 37.7 | 25.4B | 18.7B | 3 |
| 4 | 10.0 B | 12.0B | 11.2B | 12.2B | 38.3B | 175 | 44.1 | 29.0 | 57.2 | 37.3 | 25.6B | 18.5B | 4 |
| 5 | 10.3 B | 13.7B | 11.5B | 12.5B | 42.0B | 179 | 46.8 | 31.0 | 54.7 | 37.1 | 25.3B | 18.2B | 5 |
| 6 | 10.8 B | 13.6B | 11.6B | 13.0B | 57.0B | 182 | 49.6 | 35.5 | 51.8 | 35.8 | 24.0B | 17.7B | 6 |
| 7 | 10.7 B | 12.8B | 11.7B | 13.5B | 86.0B | 185 | 48.0 | 36.6 | 50.3 | 35.4 | 22.3B | 17.5B | 7 |
| 8 | 10.7 B | 12.7B | 11.8B | 13.8B | 120 B | 187 | 45.0 | 34.1 | 50.9 | 34.8 | 20.5B | 17.6B | 8 |
| 9 | 12.1 B | 13.3B | 12.0B | 13.7B | 129 | 190 | 41.7 | 31.4 | 50.6 | 34.0 | 20.3B | 17.8B | 9 |
| 10 | 11.9 B | 13.4B | 12.7B | 13.6B | 112 | 186 | 41.9 | 31.3 | 48.6 | 33.0 | 20.5B | 17.6B | 10 |
| 11 | 11.8 B | 12.8B | 12.6B | 13.8B | 106 | 175 | 45.3 | 161 | 48.1 | 32.5 | 19.8B | 17.9B | 11 |
| 12 | 12.7 B | 11.8B | 11.3B | 14.0B | 139 | 154 | 45.3 | 293 | 46.9 | 32.4 | 20.3B | 18.3B | 12 |
| 13 | 13.8 B | 11.5B | 11.4B | 13.7B | 142 | 135 | 42.7 | 260 | 46.5 | 32.3 | 21.2B | 17.5B | 13 |
| 14 | 13.3 B | 11.7B | 11.7B | 13.5B | 141 | 125 | 39.9 | 249 | 45.2 | 32.4 | 21.4B | 16.7B | 14 |
| 15 | 11.6 B | 11.5B | 11.6B | 13.4B | 143 | 115 | 39.4 | 192 | 43.7 | 31.8 | 21.2B | 16.6B | 15 |
| 16 | 11.5 B | 12.0B | 11.5B | 13.7B | 146 | 99.3 | 40.6 | 151 | 42.3 | 29.6 | 20.4B | 17.0B | 16 |
| 17 | 11.7 B | 12.5B | 11.8B | 14.3B | 148 | 89.1 | 42.6 | 123 | 40.8 | 27.2B | 19.3B | 17.2B | 17 |
| 18 | 11.3 B | 13.3B | 12.9B | 15.0B | 152 | 88.7 | 41.1 | 105 | 39.0 | 27.4B | 18.4B | 16.8B | 18 |
| 19 | 10.6 B | 13.7B | 13.4B | 15.9B | 148 | 74.8 | 39.8 | 96.1 | 37.9 | 27.9B | 17.9B | 16.2B | 19 |
| 20 | 10.4 B | 13.5B | 13.8B | 16.5B | 148 | 75.2 | 40.4 | 98.1 | 37.1 | 27.2B | 17.8B | 15.8B | 20 |
| 21 | 10.3 B | 12.3B | 14.2B | 16.8B | 151 | 78.8 | 41.5 | 95.7 | 36.3 | 26.5B | 17.9B | 15.7B | 21 |
| 22 | 9.90B | 11.7B | 14.3B | 17.0B | 153 | 68.4 | 40.8 | 85.9 | 35.5 | 26.5B | 18.0B | 15.1B | 22 |
| 23 | 9.50B | 11.5B | 14.1B | 17.4B | 152 | 63.9 | 38.8 | 78.0 | 34.8 | 26.5B | 18.2B | 14.6B | 23 |
| 24 | 9.85B | 11.3B | 13.7B | 17.6B | 156 | 60.0 | 37.1 | 72.5 | 34.1 | 26.2B | 18.5B | 14.5B | 24 |
| 25 | 10.8 B | 10.6B | 13.0B | 18.5B | 159 | 56.4 | 35.2 | 71.4 | 34.9 | 25.5B | 18.7B | 14.8B | 25 |
| 26 | 11.0 B | 10.8B | 12.4B | 21.0B | 160 | 56.5 | 33.6 | 71.9 | 35.2 | 25.6B | 19.2B | 15.0B | 26 |
| 27 | 10.4 B | 11.3B | 12.2B | 23.8B | 164 | 54.8 | 32.1 | 70.6 | 34.9 | 25.5B | 19.4B | 15.0B | 27 |
| 28 | 10.2 B | 11.3B | 11.8B | 26.5B | 167 | 52.1 | 31.2 | 70.5 | 37.1 | 26.0B | 19.7B | 15.5B | 28 |
| 29 | 9.99B | | 11.3B | 31.5B | 170 | 50.4 | 30.0 | 67.3 | 39.0 | 26.7B | 19.8B | 16.6B | 29 |
| 30 | 10.6 B | | 10.9B | 36.5B | 168 | 48.4 | 29.3 | 62.3 | 39.1 | 26.7B | 20.0B | 17.8B | 30 |
| 31 | 11.9 B | | 11.0B | | 171 | | 28.7 | 59.2 | | 25.3B | | 18.2B | 31 |
| TOTAL | 338.74 | 342.9 | 374.7 | 497.7 | 3 888.3 | 3 516.8 | 1 244.4 | 2 847.8 | 1 319.7 | 951.0 | 620.7 | 525.6 | TOTAL |
| MEAN | 10.9 | 12.2 | 12.1 | 16.6 | 125 | 117 | 40.1 | 91.9 | 44.0 | 30.7 | 20.7 | 17.0 | MEAN |
| MAX | 13.8 | 13.7 | 14.3 | 36.5 | 171 | 190 | 49.6 | 293 | 57.2 | 39.4 | 25.6 | 19.9 | MAX |
| MIN | 9.50 | 10.6 | 10.5 | 11.2 | 38.3 | 48.4 | 28.7 | 28.3 | 34.1 | 25.3 | 17.8 | 14.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.1
MAXIMUM DAILY, 293 ON AUG 12
MINIMUM DAILY, 9.50B ON JAN 23
MAXIMUM INSTANTANEOUS,
309 AT 07:00 YST ON AUG 12

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 52 N
LONG 126 53 21 W
DRAINAGE AREA, 7 280 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 29 300 | JUL | 108 000 |
| FEB | 29 600 | AUG | 246 000 |
| MAR | 32 400 | SEP | 114 000 |
| APR | 43 000 | OCT | 82 200 |
| MAY | 336 000 | NOV | 53 600 |
| JUN | 304 000 | DEC | 45 400 |

TOTAL DISCHARGE, 1 420 000 dam³

YUKON TERRITORY

BENNETT LAKE AT CARCROSS - STATION NO. 09AA004

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.155 | --- | --- | --- | 0.782 | 0.777 | 1.692 | 2.078 | 2.363 | 2.263 | 2.118A | 1.986 | 1 |
| 2 | 2.145A | --- | --- | --- | 0.751 | 0.754 | 1.732 | 2.085 | 2.384 | 2.240 | 2.118A | 1.979 | 2 |
| 3 | --- | --- | --- | --- | 0.747 | 0.728 | 1.796 | 2.092 | 2.381 | 2.226 | 2.118 | 1.980 | 3 |
| 4 | --- | --- | --- | --- | 0.743 | 0.686 | 1.866 | 2.095 | 2.379 | 2.219 | 2.098 | 1.982 | 4 |
| 5 | --- | --- | --- | --- | 0.739 | 0.649 | 1.868 | 2.119 | 2.390 | 2.221 | 2.103 | 1.982 | 5 |
| 6 | --- | --- | --- | --- | 0.755 | 0.693 | 1.879 | 2.132 | 2.385 | 2.222 | 2.085 | 1.982 | 6 |
| 7 | --- | --- | --- | --- | 0.744 | 0.741 | 1.903 | 2.141 | 2.402 | 2.218 | 2.092 | 1.974 | 7 |
| 8 | --- | 1.734A | --- | 0.880A | 0.738 | 0.772 | 1.881 | 2.150 | 2.414 | 2.238 | 2.086 | 1.960 | 8 |
| 9 | --- | --- | --- | 0.844 | 0.745 | 0.821 | 1.895 | 2.155 | 2.413A | 2.258 | 2.080 | 1.954 | 9 |
| 10 | --- | --- | --- | 0.823 | 0.745 | 0.850 | 1.889 | 2.165 | 2.354 | 2.285 | 2.077 | 1.958 | 10 |
| 11 | --- | --- | --- | 0.807 | 0.744 | 0.884 | 1.899 | 2.169 | 2.301 | 2.313 | 2.081 | 1.959 | 11 |
| 12 | --- | 1.696A | --- | 0.807 | 0.737 | 0.929 | 1.902 | 2.182 | 2.301 | 2.309 | 2.087 | 1.955 | 12 |
| 13 | --- | 1.678 | --- | 0.797 | 0.730 | 0.967 | 1.933 | 2.191 | 2.335 | 2.300 | 2.074 | 1.947 | 13 |
| 14 | --- | 1.677 | --- | 0.774 | 0.733 | 1.006 | 1.946 | 2.216 | 2.359 | 2.271 | 2.071 | 1.940 | 14 |
| 15 | --- | 1.687 | --- | 0.763 | 0.731 | 1.041 | 1.931 | 2.231 | 2.391 | 2.203 | 2.065 | 1.934 | 15 |
| 16 | --- | 1.693 | --- | 0.759 | 0.739 | 1.074 | 1.925 | 2.246 | 2.420 | 2.170 | 2.059 | 1.922 | 16 |
| 17 | --- | 1.690 | --- | 0.753 | 0.731 | 1.124 | 1.928 | 2.254 | 2.381 | 2.168 | 2.061 | 1.932 | 17 |
| 18 | --- | 1.698 | --- | 0.748 | 0.735 | 1.164 | 1.940 | 2.255 | 2.357 | 2.186 | 2.053 | 1.931 | 18 |
| 19 | --- | 1.696 | --- | 0.748 | 0.723 | 1.201 | 1.942 | 2.267 | 2.384 | 2.186 | 2.044 | 1.937 | 19 |
| 20 | --- | 1.684 | --- | 0.746 | 0.727 | 1.234 | 1.985 | 2.279 | 2.367 | 2.199 | 2.033 | 1.933 | 20 |
| 21 | --- | 1.679 | --- | 0.746 | 0.727 | 1.276 | 2.027 | 2.291 | 2.382 | 2.185 | 2.023 | 1.927 | 21 |
| 22 | --- | 1.678 | --- | 0.753 | 0.736 | 1.349 | 2.019 | 2.291 | 2.351 | 2.190 | 2.022 | 1.925 | 22 |
| 23 | --- | 1.670 | --- | 0.748 | 0.721 | 1.415 | 2.013 | 2.300 | 2.358 | 2.186 | 2.022 | 1.921 | 23 |
| 24 | --- | 1.668 | --- | 0.744 | 0.725 | 1.489 | 2.047 | 2.308 | 2.358 | 2.179 | 2.016 | 1.921 | 24 |
| 25 | --- | 1.670A | --- | 0.755 | 0.725 | 1.545 | 2.072 | 2.314 | 2.365 | 2.171 | 2.017 | 1.909 | 25 |
| 26 | --- | --- | --- | 0.753 | 0.733 | 1.577 | 2.078 | 2.313 | 2.346 | 2.165 | 2.006 | 1.898 | 26 |
| 27 | --- | --- | --- | 0.759 | 0.734 | 1.593 | 2.085 | 2.318 | 2.300 | 2.153 | 2.002 | 1.904 | 27 |
| 28 | --- | --- | --- | 0.756 | 0.737 | 1.595 | 2.115 | 2.325 | 2.292 | 2.134 | 2.007 | 1.891 | 28 |
| 29 | --- | | --- | 0.748 | 0.747 | 1.625 | 2.089 | 2.335 | 2.327 | 2.120 | 1.995 | 1.895 | 29 |
| 30 | --- | | --- | 0.746 | 0.760 | 1.661 | 2.089 | 2.351 | 2.305 | 2.120 | 1.983 | 1.900 | 30 |
| 31 | --- | | --- | | 0.753 | | 2.078 | 2.362 | | 2.118 | | 1.890 | 31 |
| MEAN | --- | --- | --- | --- | 0.738 | 1.107 | 1.948 | 2.226 | 2.346 | 2.207 | 2.056 | 1.939 | MEAN |
| MAX | --- | --- | --- | --- | 0.760 | 1.661 | 2.115 | 2.362 | 2.420 | 2.313 | 2.118 | 1.986 | MAX |
| MIN | --- | --- | --- | --- | 0.721 | 0.649 | 1.692 | 2.074 | 2.251 | 2.118 | 1.983 | 1.890 | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.420 ON SEP 16
MINIMUM DAILY, 0.649 ON JUN 5
MAXIMUM INSTANTANEOUS,
2.428 AT 23:47 YST ON SEP 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 50 N
LONG 134 42 27 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653.793 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1948 ADJ.)

BIG CREEK NEAR THE MOUTH - STATION NO. 09AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.166B | 0.140B | 0.105B | 0.172B | 0.390B | 46.1 | 3.40 | 73.7 | 3.50 | 2.57 | 1.20 B | 0.480B | 1 |
| 2 | 0.167B | 0.142B | 0.108B | 0.170B | 0.520B | 46.0 | 3.01 | 78.1 | 3.33 | 2.81 | 1.20 B | 0.400B | 2 |
| 3 | 0.168B | 0.150B | 0.110B | 0.160B | 0.710B | 50.1 | 2.83 | 58.4 | 3.27 | 2.83 | 1.18 B | 0.380B | 3 |
| 4 | 0.169B | 0.155B | 0.113B | 0.165B | 0.960B | 39.1 | 2.65 | 43.3 | 3.22 | 2.84 | 1.15 B | 0.370B | 4 |
| 5 | 0.170B | 0.160B | 0.115B | 0.170B | 1.30 B | 24.5 | 2.48 | 38.8 | 3.11 | 2.83 | 1.10 B | 0.370B | 5 |
| 6 | 0.161B | 0.170B | 0.120B | 0.185B | 2.20 B | 24.7 | 2.29 | 30.5 | 3.01 | 2.84 | 1.06 B | 0.371B | 6 |
| 7 | 0.151B | 0.160B | 0.125B | 0.190B | 2.90 B | 41.0 | 2.23 | 20.7 | 2.96 | 2.72 | 1.00 B | 0.371B | 7 |
| 8 | 0.152B | 0.170B | 0.130B | 0.198B | 3.05 B | 51.4 | 2.19 | 15.4 | 2.86 | 2.46 | 0.990B | 0.372B | 8 |
| 9 | 0.155B | 0.165B | 0.135B | 0.170B | 3.90 B | 49.9 | 2.25 | 11.7 | 2.78 | 2.13 | 0.950B | 0.371B | 9 |
| 10 | 0.165B | 0.158B | 0.143B | 0.166B | 5.00 B | 32.3 | 2.38 | 9.90 | 2.77 | 2.16 | 0.940B | 0.368B | 10 |
| 11 | 0.173B | 0.150B | 0.142B | 0.180B | 6.40 B | 28.8 | 2.38 | 10.2 | 2.81 | 2.15 | 0.930B | 0.365B | 11 |
| 12 | 0.180B | 0.135B | 0.130B | 0.195B | 8.30 B | 22.1 | 2.36 | 10.2 | 2.83 | 2.15 | 0.920B | 0.360B | 12 |
| 13 | 0.181B | 0.130B | 0.120B | 0.200B | 11.8 B | 17.9 | 2.48 | 9.98 | 2.81 | 2.08 | 0.915B | 0.355B | 13 |
| 14 | 0.175B | 0.135B | 0.125B | 0.190B | 17.0 A | 12.6 | 2.41 | 9.14 | 2.74 | 1.95 | 0.900B | 0.330B | 14 |
| 15 | 0.150B | 0.147B | 0.130B | 0.204B | 19.6 | 9.90 | 2.30 | 7.89 | 2.62 | 1.77 | 0.885B | 0.315B | 15 |
| 16 | 0.149B | 0.140B | 0.135B | 0.193B | 15.7 | 9.68 | 2.21 | 6.87 | 2.59 | 1.75B | 0.860B | 0.295B | 16 |
| 17 | 0.150B | 0.130B | 0.135B | 0.192B | 13.7 | 10.2 | 2.19 | 6.11 | 2.65 | 1.69B | 0.825B | 0.284B | 17 |
| 18 | 0.158B | 0.120B | 0.140B | 0.200B | 19.8 | 9.80 | 7.52 | 5.64 | 2.41 | 1.65B | 0.760B | 0.265B | 18 |
| 19 | 0.159B | 0.125B | 0.150B | 0.210B | 34.5 | 10.3 | 28.2 | 5.23 | 2.42 | 1.65B | 0.720B | 0.250B | 19 |
| 20 | 0.155B | 0.135B | 0.160B | 0.220B | 51.3 | 9.84 | 20.7 | 4.79 | 2.41 | 1.60B | 0.700B | 0.240B | 20 |
| 21 | 0.140B | 0.120B | 0.168B | 0.235B | 50.5 | 8.15 | 12.0 | 4.39 | 2.38 | 1.53B | 0.680B | 0.235B | 21 |
| 22 | 0.136B | 0.110B | 0.169B | 0.231B | 41.2 | 6.89 | 8.17 | 4.10 | 2.37 | 1.45B | 0.670B | 0.230B | 22 |
| 23 | 0.134B | 0.105B | 0.170B | 0.240B | 38.3 | 6.02 | 6.13 | 3.86 | 2.36 | 1.39B | 0.660B | 0.220B | 23 |
| 24 | 0.135B | 0.109B | 0.156B | 0.250B | 31.2 | 5.43 | 4.82 | 3.64 | 2.69 | 1.34B | 0.650B | 0.210B | 24 |
| 25 | 0.140B | 0.114B | 0.161B | 0.270B | 30.8 | 5.29 | 3.98 | 3.60 | 2.70 | 1.31B | 0.645B | 0.205B | 25 |
| 26 | 0.137B | 0.110B | 0.170B | 0.275B | 45.6 | 5.67 | 3.35 | 3.79 | 2.72 | 1.29B | 0.640B | 0.204B | 26 |
| 27 | 0.128B | 0.104B | 0.150B | 0.310B | 53.1 | 5.83 | 2.88 | 4.16 | 2.68 | 1.26B | 0.625B | 0.205B | 27 |
| 28 | 0.125B | 0.103B | 0.140B | 0.315B | 63.8 | 5.13 | 2.63 | 4.35 | 2.55 | 1.25B | 0.610B | 0.204B | 28 |
| 29 | 0.138B | | 0.148B | 0.330B | 68.1 | 4.47 | 2.40 | 4.24 | 2.42 | 1.23B | 0.580B | 0.203B | 29 |
| 30 | 0.140B | | 0.153B | 0.350B | 56.8 | 3.89 | 2.31 | 3.97 | 2.38 | 1.22B | 0.550B | 0.202B | 30 |
| 31 | 0.140B | | 0.170B | | 47.0 | | 4.27 | 3.69 | | 1.21B | | 0.201B | 31 |
| TOTAL | 4.743 | 3.792 | 4.326 | 6.536 | 743.630 | 603.19 | 151.40 | 496.34 | 81.95 | 59.11 | 25.495 | 9.227 | TOTAL |
| MEAN | 0.153 | 0.135 | 0.140 | 0.218 | 24.0 | 20.1 | 4.88 | 16.0 | 2.73 | 1.91 | 0.850 | 0.298 | MEAN |
| MAX | 0.181 | 0.170 | 0.170 | 0.350 | 68.1 | 51.4 | 28.2 | 78.1 | 3.50 | 2.84 | 1.20 | 0.480 | MAX |
| MIN | 0.125 | 0.103 | 0.105 | 0.160 | 0.390 | 3.89 | 2.19 | 3.60 | 2.36 | 1.21 | 0.550 | 0.201 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.00
MAXIMUM DAILY, 78.1 ON AUG 3
MINIMUM DAILY, 0.103B ON FEB 28
MAXIMUM INSTANTANEOUS,
121 AT 20:59 YST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 34 07 N
LONG 137 00 58 W
DRAINAGE AREA, 1 750 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 410 | JUL | 13 100 |
| FEB | 328 | AUG | 42 900 |
| MAR | 374 | SEP | 7 080 |
| APR | 565 | OCT | 5 110 |
| MAY | 64 200 | NOV | 2 200 |
| JUN | 52 100 | DEC | 797 |

TOTAL DISCHARGE, 189 080 dam³

## YUKON TERRITORY

### BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18.0B | 16.2B | 16.6B | 14.8B | 18.1B | 153 | 119 | 73.7 | 60.2 | 84.1 | 34.8B | 30.0B | 1 |
| 2 | 18.0B | 16.3B | 16.6B | 14.9B | 18.4B | 173 | 126 | 81.2 | 63.1 | 90.6 | 35.7B | 29.3B | 2 |
| 3 | 18.0B | 16.6B | 16.6B | 14.6B | 18.8B | 197 | 126 | 89.1 | 70.2 | 83.0 | 36.2B | 28.5B | 3 |
| 4 | 18.1B | 16.8B | 16.8B | 14.7B | 19.4B | 165 | 130 | 85.1 | 73.5 | 77.3 | 35.1B | 27.9B | 4 |
| 5 | 18.2B | 17.0B | 15.0B | 14.8B | 19.4B | 127 | 121 | 79.2 | 71.1 | 73.7 | 32.5B | 27.5B | 5 |
| 6 | 18.0B | 17.0B | 15.1B | 14.9B | 19.8B | 102 | 112 | 81.6 | 68.5 | 71.1 | 31.0B | 28.0B | 6 |
| 7 | 17.6B | 17.1B | 15.2B | 15.1B | 20.1B | 253 | 110 | 82.9 | 67.7 | 69.4 | 32.0B | 28.9B | 7 |
| 8 | 17.2B | 17.0B | 15.3B | 15.5B | 20.8B | 352 | 106 | 78.1 | 71.7 | 67.8 | 33.0B | 28.0B | 8 |
| 9 | 17.1B | 16.9B | 15.3B | 15.8B | 21.9B | 337 | 100 | 74.2 | 72.9 | 66.6 | 31.3B | 27.0B | 9 |
| 10 | 17.2B | 16.8B | 15.3B | 16.0B | 22.8B | 315 | 105 | 71.2 | 70.1 | 66.3 | 30.8B | 26.0B | 10 |
| 11 | 17.3B | 16.4B | 15.2B | 16.0B | 23.8B | 293 | 102 | 69.1 | 68.3 | 67.2 | 30.3B | 26.4B | 11 |
| 12 | 17.6B | 15.8B | 15.1B | 16.0B | 25.0B | 272 | 94.0 | 70.3 | 66.5 | 66.6 | 30.0B | 26.6B | 12 |
| 13 | 17.5B | 15.7B | 15.0B | 16.0B | 26.0B | 218 | 90.0 | 72.5 | 65.1 | 65.7 | 30.6B | 26.0B | 13 |
| 14 | 17.0B | 15.5B | 14.8B | 16.0B | 27.5B | 187 | 90.5 | 70.0 | 63.4 | 64.8 | 30.9B | 26.5B | 14 |
| 15 | 16.7B | 15.6B | 14.7B | 16.1B | 29.5B | 152 | 106 | 66.3 | 61.9 | 61.6 | 30.5B | 25.5B | 15 |
| 16 | 16.5B | 15.5B | 14.8B | 16.5B | 31.5B | 136 | 108 | 63.3 | 60.6 | 55.8 | 29.2B | 25.0B | 16 |
| 17 | 16.3B | 15.3B | 14.9B | 16.7B | 33.5B | 148 | 118 | 61.5 | 59.2 | 46.3 | 28.0B | 24.9B | 17 |
| 18 | 16.4B | 15.1B | 15.1B | 16.9B | 36.0B | 197 | 141 | 61.6 | 58.5 | 45.0B | 27.5B | 25.0B | 18 |
| 19 | 16.5B | 15.0B | 15.2B | 16.9B | 39.0B | 198 | 130 | 62.6 | 57.5 | 44.0B | 27.0B | 24.7B | 19 |
| 20 | 16.2B | 15.0B | 15.3B | 17.0B | 43.0B | 156 | 113 | 61.4 | 56.3 | 43.0B | 26.0B | 24.0B | 20 |
| 21 | 16.0B | 15.0B | 15.3B | 17.0B | 47.0E | 134 | 102 | 59.4 | 55.3 | 42.0B | 27.0B | 24.6B | 21 |
| 22 | 15.7B | 14.9B | 15.4B | 17.1B | 50.0E | 135 | 94.7 | 57.8 | 54.4 | 40.3B | 27.6B | 25.1B | 22 |
| 23 | 15.4B | 14.8B | 15.5B | 17.2B | 54.0E | 141 | 90.4 | 56.3 | 54.8 | 39.5B | 28.6B | 25.2B | 23 |
| 24 | 15.2B | 14.6B | 15.6B | 17.5B | 60.0E | 146 | 86.9 | 55.4 | 58.2 | 39.0B | 29.5B | 24.5B | 24 |
| 25 | 15.1B | 14.2B | 15.5B | 17.8B | 67.0E | 147 | 83.3 | 56.0 | 64.3 | 36.5B | 30.0B | 24.2B | 25 |
| 26 | 15.2B | 14.1B | 15.4B | 18.0B | 76.0E | 150 | 79.8 | 58.9 | 62.9 | 36.3B | 30.5B | 24.5B | 26 |
| 27 | 15.3B | 14.0B | 15.2B | 18.0B | 86.0E | 148 | 76.6 | 61.7 | 59.5 | 36.0B | 30.3B | 24.9B | 27 |
| 28 | 15.3B | 14.1B | 14.9B | 18.0B | 95.0E | 139 | 74.4 | 62.8 | 58.1 | 35.2B | 30.1B | 25.2B | 28 |
| 29 | 15.4B | | 14.7B | 18.0B | 109 E | 128 | 72.2 | 60.8 | 57.4 | 36.0B | 30.0B | 25.0B | 29 |
| 30 | 15.7B | | 14.6B | 18.0B | 128 E | 123 | 69.8 | 58.9 | 60.3 | 35.7B | 30.3B | 25.5B | 30 |
| 31 | 15.9B | | 14.7B | | 141 | | 68.9 | 58.9 | | 35.0B | | 25.1B | 31 |
| TOTAL | 515.6 | 438.4 | 466.5 | 492.6 | 1 426.9 | 5 558 | 3 142.5 | 2 101.6 | 1 891.5 | 1 721.4 | 916.9 | 819.1 | TOTAL |
| MEAN | 16.6 | 15.7 | 15.0 | 16.4 | 46.0 | 185 | 101 | 67.8 | 63.1 | 55.5 | 30.6 | 26.4 | MEAN |
| MAX | 18.2 | 17.1 | 15.6 | 18.0 | 141 | 352 | 141 | 89.1 | 73.5 | 90.6 | 36.2 | 30.0 | MAX |
| MIN | 15.1 | 14.0 | 14.4 | 14.7 | 18.1 | 123 | 68.9 | 55.4 | 54.4 | 35.0 | 26.8 | 24.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.4
MAXIMUM DAILY, 352 ON JUN 8
MINIMUM DAILY, 14.0B ON FEB 27
MAXIMUM INSTANTANEOUS,
366 AT 20:35 YST ON JUN 8

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 22 N
LONG 134 50 00 W
DRAINAGE AREA, 6 760 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 44 500 | JUL | 272 000 |
| FEB | 37 900 | AUG | 182 000 |
| MAR | 40 300 | SEP | 163 000 |
| APR | 42 500 | OCT | 149 000 |
| MAY | 123 000 | NOV | 79 200 |
| JUN | 480 000 | DEC | 70 800 |

TOTAL DISCHARGE, 1 680 000 dam³

### BONNET PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.78B | 4.08B | 3.60B | 3.22B | 3.33B | 230E | 136 | 102 | 41.0 | 26.5 | 13.3B | 11.6 B | 1 |
| 2 | 4.75B | 4.20B | 3.62B | 3.25B | 3.40B | 177A | 129 | 107 | 40.3 | 21.9 | 13.1B | 11.2 B | 2 |
| 3 | 4.73B | 4.22B | 3.61B | 3.30B | 3.43B | 179 | 127 | 97.8 | 38.2 | 21.2 | 13.0B | 10.5 B | 3 |
| 4 | 4.79B | 4.23B | 3.60B | 3.35B | 3.49B | 156 | 125 | 92.7 | 37.9 | 19.3 | 12.8B | 9.60B | 4 |
| 5 | 4.76B | 4.30B | 3.60B | 3.38B | 3.50B | 122 | 115 | 90.4 | 38.3 | 19.5 | 12.4B | 9.20B | 5 |
| 6 | 4.60B | 4.31B | 3.62B | 3.39B | 3.55B | 125 | 105 | 86.5 | 37.7 | 20.9 | 11.8B | 9.00B | 6 |
| 7 | 4.45B | 4.37B | 3.68B | 3.48B | 3.60B | 166 | 112 | 80.0 | 38.2 | 20.7 | 11.4B | 8.80B | 7 |
| 8 | 4.43B | 4.39B | 3.69B | 3.51B | 3.70B | 203 | 109 | 75.1 | 42.2 | 22.4 | 11.2B | 8.70B | 8 |
| 9 | 4.48B | 4.37B | 3.70B | 3.51B | 3.80B | 189 | 110 | 72.9 | 41.7 | 21.4 | 11.3B | 8.60B | 9 |
| 10 | 4.57B | 4.29B | 3.70B | 3.48B | 3.90B | 198 | 121 | 70.9 | 40.4 | 21.6 | 11.3B | 8.60B | 10 |
| 11 | 4.60B | 4.20B | 3.70B | 3.43B | 4.15B | 243 | 122 | 66.8 | 39.2 | 21.8 | 11.4B | 8.55B | 11 |
| 12 | 4.61B | 4.17B | 3.69B | 3.39B | 4.42B | 283 | 183 | 63.1 | 37.7 | 21.5 | 11.6B | 8.40B | 12 |
| 13 | 4.60B | 4.02B | 3.60B | 3.32B | 5.20B | 261 | 159 | 59.0 | 36.4 | 22.5 | 11.5B | 8.20B | 13 |
| 14 | 4.59B | 4.00B | 3.50B | 3.26B | 7.10B | 237 | 130 | 55.1 | 35.4 | 23.3 | 11.0B | 7.80B | 14 |
| 15 | 4.48B | 3.98B | 3.51B | 3.20B | 9.10B | 263 | 115 | 53.1 | 34.4 | 20.0B | 10.5B | 7.60B | 15 |
| 16 | 4.40B | 3.91B | 3.52B | 3.18B | 12.0 B | 231 | 133 | 52.2 | 33.9 | 18.8B | 10.4B | 7.30B | 16 |
| 17 | 4.35B | 3.86B | 3.58B | 3.13B | 15.5 B | 194 | 151 A | 54.8 | 33.2 | 17.5B | 10.3B | 7.00B | 17 |
| 18 | 4.30B | 3.81B | 3.62B | 3.12B | 20.0 B | 178 | 170 | 71.5 | 32.1 | 17.0B | 10.6B | 6.85B | 18 |
| 19 | 4.23B | 3.78B | 3.68B | 3.16B | 26.0 B | 197 | 150 | 68.4 | 31.2 | 16.5B | 10.9B | 6.80B | 19 |
| 20 | 4.18B | 3.71B | 3.70B | 3.20B | 33.0 B | 291 | 124 | 61.9 | 30.6 | 15.5B | 11.1B | 6.70B | 20 |
| 21 | 4.12B | 3.65B | 3.71B | 3.21B | 44.0 B | 262 | 116 | 59.3 | 30.2 | 15.3B | 11.2B | 6.60B | 21 |
| 22 | 4.08B | 3.60B | 3.72B | 3.22B | 58.0 B | 226 | 103 | 57.0 | 29.4 | 15.0B | 11.4B | 6.50B | 22 |
| 23 | 4.02B | 3.59B | 3.71B | 3.26B | 76.0 B | 193 | 106 | 56.0 | 29.0 | 14.5B | 11.7B | 6.40B | 23 |
| 24 | 4.01B | 3.58B | 3.70B | 3.29B | 97.0 B | 171 | 99.9 | 54.5 | 31.5 | 14.0B | 11.8B | 6.30B | 24 |
| 25 | 4.00B | 3.56B | 3.67B | 3.30B | 128 B | 163 | 96.2 | 51.3 | 31.1 | 13.8B | 11.9B | 6.10B | 25 |
| 26 | 4.00B | 3.50B | 3.59B | 3.29B | 165 B | 160 | 99.9 | 48.7 | 29.0 | 13.4B | 12.0B | 6.05B | 26 |
| 27 | 3.96B | 3.50B | 3.46B | 3.30B | 200 E | 155 | 109 | 46.8 | 28.4 | 13.2B | 12.1B | 6.00B | 27 |
| 28 | 3.98B | 3.51B | 3.37B | 3.30B | 300 E | 158 | 98.6 | 44.2 | 28.5 | 13.3B | 12.2B | 5.90B | 28 |
| 29 | 4.00B | | 3.30B | 3.30B | 340 E | 159 | 95.0 | 43.0 | 27.5 | 13.3B | 12.1B | 5.85B | 29 |
| 30 | 4.00B | | 3.29B | 3.31B | 260 E | 145 | 99.0 | 42.3 | 27.3 | 13.4B | 11.8B | 5.80B | 30 |
| 31 | 4.01B | | 3.25B | | 220 E | | 99.6 | 41.4 | | 13.4B | | 5.60B | 31 |
| TOTAL | 134.86 | 110.68 | 111.29 | 99.04 | 2 060.17 | 5 915 | 3 742.3 | 2 026.5 | 1 031.9 | 562.4 | 349.1 | 238.00 | TOTAL |
| MEAN | 4.35 | 3.95 | 3.59 | 3.30 | 66.5 | 197 | 121 | 65.4 | 34.4 | 18.1 | 11.6 | 7.68 | MEAN |
| MAX | 4.79 | 4.39 | 3.72 | 3.51 | 340 | 291 | 183 | 107 | 42.2 | 26.5 | 13.3 | 11.6 | MAX |
| MIN | 3.96 | 3.50 | 3.25 | 3.12 | 3.33 | 122 | 95.0 | 41.4 | 27.3 | 13.2 | 10.3 | 5.60 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.9
MAXIMUM DAILY, 340E ON MAY 29
MINIMUM DAILY, 3.13B ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 44 54 N
LONG 133 46 50 W
DRAINAGE AREA, 3 760 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11 700 | JUL | 333 000 |
| FEB | 9 560 | AUG | 175 000 |
| MAR | 9 620 | SEP | 89 200 |
| APR | 8 560 | OCT | 68 600 |
| MAY | 178 000 | NOV | 30 200 |
| JUN | 511 000 | DEC | 29 600 |

TOTAL DISCHARGE, 1 430 000 dam³

YUKON TERRITORY

## DRIARDEAN RIVER AT HAINES JUNCTION - STATION NO. 09AA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19.5B | 21.5B | 16.0B | 20.0B | 18.6B | 260 E | 88.3 | 47.4 | 46.0E | 37.7 | 28.0B | 19.5B | 1 |
| 2 | 20.0B | 19.0B | 17.0B | 22.5B | 19.0B | 310 E | 86.0 | 55.5 | 46.8E | 38.3 | 28.5B | 20.0B | 2 |
| 3 | 21.0B | 18.0B | 16.0B | 22.0B | 21.0B | 370 E | 81.9 | 74.3 | 47.5E | 38.6 | 28.5B | 20.0B | 3 |
| 4 | 22.0B | 17.0B | 15.0B | 21.5B | 21.0B | 440 E | 77.6 | 76.7 | 49.2E | 37.1 | 26.0B | 19.0B | 4 |
| 5 | 22.5B | 16.7B | 16.4B | 17.0B | 21.7B | 490 E | 75.3 | 69.6 | 48.0E | 37.0 | 24.5B | 18.4B | 5 |
| 6 | 21.0B | 15.5B | 15.0B | 14.0B | 21.0B | 540 E | 73.8 | 74.2 | 46.9E | 37.4 | 24.0B | 18.5B | 6 |
| 7 | 19.0B | 14.0B | 12.0B | 25.0B | 20.0B | 610 E | 72.0 | 73.5 | 47.6E | 37.6 | 25.0B | 19.0B | 7 |
| 8 | 18.5B | 12.7B | 10.0B | 19.0B | 21.5B | 700 E | 76.1 | 66.2 | 46.5E | 36.5 | 25.0B | 18.5B | 8 |
| 9 | 21.5B | 14.0B | 11.0B | 13.0B | 22.5B | 805 E | 76.6 | 60.8 | 44.1E | 36.4 | 24.5B | 18.0B | 9 |
| 10 | 20.5B | 16.6B | 12.6B | 10.0B | 23.4B | 890 E | 73.5 | 56.8 | 42.7E | 37.2 | 23.5B | 17.3B | 10 |
| 11 | 20.0B | 17.0B | 12.5B | 12.5B | 25.0E | 398 E | 69.2 | 54.3 | 39.2E | 36.7 | 21.5B | 17.2B | 11 |
| 12 | 17.0B | 19.5B | 13.0B | 19.0B | 26.5E | 320 E | 66.4 | 60.2 | 37.8E | 38.3 | 21.0B | 18.0B | 12 |
| 13 | 15.5B | 20.5B | 13.0B | 18.0B | 28.5E | 278 E | 64.2 | 76.0 | 36.9E | 39.9 | 21.0B | 18.5B | 13 |
| 14 | 17.5B | 17.5B | 12.7B | 18.5B | 30.0E | 238 E | 62.2 | 73.3 | 35.6A | 39.0 | 21.0B | 18.0B | 14 |
| 15 | 20.5B | 16.6B | 14.0B | 19.0B | 32.5E | 195 E | 61.1 | 67.0 | 36.7 | 38.2 | 21.5B | 17.5B | 15 |
| 16 | 18.5B | 14.5B | 14.0B | 18.0B | 35.0E | 160 E | 60.4 | 62.0 | 37.0 | 36.9 | 22.0B | 17.0B | 16 |
| 17 | 19.0B | 17.0B | 14.0B | 16.5B | 38.5E | 140 E | 58.5 | 59.1 | 37.2 | 34.1 | 22.0B | 18.2B | 17 |
| 18 | 21.5B | 16.0B | 14.0B | 17.0B | 42.0E | 165 E | 56.2 | 56.7 | 37.2 | 34.0 | 22.0B | 18.0B | 18 |
| 19 | 19.5B | 17.0B | 14.5B | 19.0B | 46.0E | 185 E | 55.4 | 55.5 | 38.3 | 33.6 | 22.5B | 17.4B | 19 |
| 20 | 18.0B | 18.0B | 13.6B | 20.5B | 50.0E | 215 E | 57.8 | 53.3 | 35.2 | 32.5B | 22.0B | 17.2B | 20 |
| 21 | 23.0B | 16.6B | 13.9B | 18.5B | 56.0E | 160 E | 57.2 | 51.5 | 35.8 | 32.0B | 21.0B | 17.3B | 21 |
| 22 | 22.5B | 16.0B | 14.2B | 16.5B | 66.0E | 130 E | 53.6 | 49.9 | 36.7 | 30.5B | 20.0B | 17.5B | 22 |
| 23 | 21.0B | 15.7B | 15.0B | 15.0B | 74.0E | 100 E | 52.4 | 48.4 | 36.0 | 29.0B | 18.0B | 17.8B | 23 |
| 24 | 22.0B | 15.3B | 16.0B | 15.5B | 85.0E | 87.8A | 51.0 | 47.2 | 38.8 | 28.5B | 17.0B | 17.5B | 24 |
| 25 | 23.0B | 14.5B | 17.0B | 18.0B | 100 E | 88.4 | 49.0 | 46.5 | 38.3 | 28.0B | 16.5B | 17.0B | 25 |
| 26 | 22.0B | 12.3B | 16.5B | 21.0B | 115 E | 90.3 | 48.1 | 46.2 | 36.5 | 29.0B | 16.6B | 16.9B | 26 |
| 27 | 20.5B | 15.0B | 17.5B | 17.0B | 130 E | 92.6 | 48.4 | 48.4 | 35.5 | 29.5B | 16.6B | 16.8B | 27 |
| 28 | 19.5B | 17.5B | 17.4B | 16.6B | 150 E | 94.8 | 47.3 | 47.6 | 35.9 | 30.0B | 16.7B | 16.7B | 28 |
| 29 | 19.0B | | 17.5B | 17.5B | 170 E | 95.3 | 46.5 | 46.5 | 35.4 | 29.0B | 17.4B | 16.8B | 29 |
| 30 | 20.0B | | 18.5B | 18.5B | 195 E | 91.1 | 45.6 | 45.8 | 36.6 | 27.0B | 18.5B | 16.8B | 30 |
| 31 | 20.5B | | 20.5B | | 220 E | | 46.3 | 45.7 | | 26.5B | | 16.7B | 31 |
| TOTAL | 626.3 | 464.7 | 461.1 | 536.9 | 1 936.1 | 8 115.3 | 1 936.9 | 1 795.7 | 1 201.4 | 1 056.0 | 652.3 | 553.8 | TOTAL |
| MEAN | 20.2 | 16.6 | 14.9 | 17.9 | 62.1 | 271 | 62.5 | 57.9 | 40.0 | 34.1 | 21.7 | 17.9 | MEAN |
| MAX | 23.0 | 21.5 | 20.5 | 25.0 | 220 | 700 | 88.3 | 76.0 | 49.2 | 39.9 | 28.5 | 20.0 | MAX |
| MIN | 15.5 | 12.3 | 10.0 | 10.0 | 18.6 | 87.8 | 45.6 | 45.7 | 35.2 | 26.5 | 16.5 | 16.7 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.9
MAXIMUM DAILY, 700E ON JUN 8
MINIMUM DAILY, 10.0B ON MAR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 44 54 N
LONG 137 30 19 W
DRAINAGE AREA, 8 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 54 100 | JUL | 167 000 |
| FEB | 40 200 | AUG | 155 000 |
| MAR | 39 800 | SEP | 104 000 |
| APR | 46 400 | OCT | 91 200 |
| MAY | 166 000 | NOV | 56 400 |
| JUN | 701 000 | DEC | 47 800 |

TOTAL DISCHARGE, 1 670 000 dam³

## DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 15.0B | 14.8B | 13.9B | 18.0B | 22.3B | 200E | 428 | 579 | 341 | 78.0E | 38.0E | 22.5B | 1 |
| 2 | 15.0B | 15.1B | 14.0B | 18.2B | 23.0B | 245E | 418 | 508 | 332 | 77.0E | 37.0E | 21.7B | 2 |
| 3 | 14.9B | 15.4B | 14.5B | 18.3B | 23.6B | 330E | 406 | 494 | 325 | 74.0E | 36.5E | 21.3B | 3 |
| 4 | 15.1B | 15.8B | 15.0B | 18.5B | 24.0B | 250E | 442 | 491E | 308 | 70.0E | 36.5B | 21.6B | 4 |
| 5 | 15.2B | 16.0B | 16.0B | 19.0B | 24.7B | 170E | 412 | 487E | 292 | 68.0E | 36.0B | 21.9B | 5 |
| 6 | 15.0B | 16.2B | 16.6B | 19.0B | 25.0B | 200E | 358 | 476E | 293 | 66.0E | 35.5B | 22.3B | 6 |
| 7 | 14.8B | 16.5B | 16.8B | 19.1B | 26.0B | 225E | 378 | 468E | 302 | 64.0E | 35.0B | 23.1B | 7 |
| 8 | 14.6B | 16.8B | 17.0B | 19.2B | 26.8B | 260E | 412 | 463E | 274 | 63.0E | 35.0B | 23.6B | 8 |
| 9 | 14.3B | 16.7B | 17.0B | 19.3B | 27.0B | 320E | 463 | 452E | 263 | 64.0E | 34.7B | 23.7B | 9 |
| 10 | 14.5B | 16.5B | 16.0B | 19.2B | 28.0B | 350E | 462 | 448E | 232 | 66.0E | 34.2B | 23.5B | 10 |
| 11 | 15.0B | 16.0B | 15.7B | 19.3B | 29.0B | 318 | 437 | 445E | 235 | 69.0E | 34.0B | 23.6B | 11 |
| 12 | 15.2B | 14.5B | 15.0B | 19.2B | 30.0B | 270 | 424 | 450E | 244 | 70.5E | 33.0B | 23.7B | 12 |
| 13 | 15.4B | 14.0B | 15.0B | 19.3B | 31.0B | 253 | 415 | 459E | 238 | 70.5E | 32.0B | 23.3B | 13 |
| 14 | 15.0B | 13.6B | 14.9B | 19.4B | 32.5E | 215 | 402 | 467E | 266 | 69.0E | 31.0B | 22.9B | 14 |
| 15 | 14.5B | 13.5B | 15.5B | 19.5B | 33.5E | 228 | 442 | 482E | 262 | 63.0E | 29.5B | 22.7B | 15 |
| 16 | 14.4B | 13.5B | 16.0B | 19.7B | 35.0E | 320 | 465 | 505E | 237 | 55.0E | 28.5B | 21.3B | 16 |
| 17 | 14.3B | 13.5B | 16.7B | 19.8B | 37.0E | 352 | 493 | 551E | 229 | 53.0E | 27.4B | 20.7B | 17 |
| 18 | 14.8B | 13.6B | 17.0B | 19.9B | 38.5E | 336 | 476 | 570A | 228 | 50.0E | 27.0B | 20.2B | 18 |
| 19 | 15.1B | 13.6B | 17.5B | 20.0B | 40.5E | 346 | 480 | 525 | 206 | 48.0E | 26.5B | 19.8B | 19 |
| 20 | 15.0B | 13.5B | 18.0B | 20.2B | 41.5E | 350 | 447 | 481 | 187 | 46.0E | 26.1B | 19.4B | 20 |
| 21 | 14.8B | 13.7B | 19.0B | 20.3B | 45.0E | 276 | 443 | 463 | 179 | 46.0E | 26.2B | 19.2B | 21 |
| 22 | 14.1B | 13.8B | 19.5B | 20.5B | 49.0E | 273A | 454 | 455 | 157 | 46.5E | 26.3B | 19.0B | 22 |
| 23 | 13.9B | 13.5B | 19.4B | 20.7B | 52.0E | 258 | 465 | 457 | 131 | 46.0E | 26.1B | 18.9B | 23 |
| 24 | 13.6B | 13.5B | 19.0B | 20.9B | 56.0E | 277 | 486 | 465 | 136 | 46.0E | 26.2B | 19.0B | 24 |
| 25 | 13.5B | 13.6B | 18.7B | 21.0B | 65.0E | 310 | 535 | 461 | 126 | 45.0E | 26.1B | 19.2B | 25 |
| 26 | 13.5B | 13.6B | 18.0B | 21.2B | 75.0E | 348 | 565 | 464 | 117 | 44.0E | 26.0B | 19.8B | 26 |
| 27 | 13.5B | 13.7B | 17.0B | 21.5B | 84.0E | 366 | 575 | 468 | 105 E | 43.0E | 25.7B | 20.1B | 27 |
| 28 | 13.6B | 13.8B | 16.0B | 21.8B | 96.0E | 397 | 606 | 494 | 95.0E | 41.0E | 25.0B | 20.5B | 28 |
| 29 | 13.8B | | 17.0B | 22.0B | 123 E | 420 | 661 | 481 | 86.0E | 40.0E | 24.0B | 20.6B | 29 |
| 30 | 14.1B | | 17.6B | 22.1B | 140 E | 402 | 692 | 468 | 79.0E | 39.0E | 23.3B | 20.5B | 30 |
| 31 | 14.7B | | 18.0B | | 165 E | | 746 | 359 | | 38.5E | | 20.3B | 31 |
| TOTAL | 450.2 | 488.3 | 517.9 | 596.2 | 1 548.5 | 8 865 | 14 888 | 14 574 | 6 505.0 | 1 758.0 | 908.3 | 659.9 | TOTAL |
| MEAN | 14.5 | 14.6 | 16.7 | 19.9 | 50.0 | 296 | 480 | 470 | 217 | 56.7 | 30.3 | 21.3 | MEAN |
| MAX | 15.4 | 16.8 | 19.5 | 22.1 | 165 | 420 | 746 | 579 | 341 | 78.0 | 38.0 | 23.7 | MAX |
| MIN | 13.5 | 13.5 | 13.9 | 18.0 | 22.3 | 170 | 358 | 359 | 79.0 | 38.5 | 23.3 | 18.9 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 143
MAXIMUM DAILY, 746 ON JUL 31
MINIMUM DAILY, 13.5B ON JAN 25
MAXIMUM INSTANTANEOUS,
838 AT 12:30 YST ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 04 56 N
LONG 139 51 35 W
DRAINAGE AREA, 12 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 38 900 | JUL | 1 290 000 |
| FEB | 35 300 | AUG | 1 260 000 |
| MAR | 44 700 | SEP | 563 000 |
| APR | 51 500 | OCT | 152 000 |
| MAY | 138 000 | NOV | 78 500 |
| JUN | 766 000 | DEC | 57 000 |

TOTAL DISCHARGE, 4 470 000 dam³

## DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.12B | 1.16B | 1.05B | 1.10B | 1.35E | 18.9 | 15.1 | 14.5 | 8.32 | 4.96 | 2.90B | 2.52B | 1 |
| 2 | 1.12B | 1.15B | 1.06B | 1.11B | 1.38E | 19.2 | 11.9 | 13.5 | 7.75 | 4.84 | 2.98B | 2.50B | 2 |
| 3 | 1.12B | 1.15B | 1.07B | 1.12B | 1.40E | 16.3 | 12.1 | 14.2 | 7.11 | 4.77 | 2.89B | 2.48B | 3 |
| 4 | 1.13B | 1.16B | 1.08B | 1.13B | 1.45E | 11.7 | 12.0 | 14.8 | 6.83 | 4.78 | 2.88B | 2.45B | 4 |
| 5 | 1.14B | 1.16B | 1.09B | 1.14B | 1.50E | 15.1 | 11.9 | 16.3 | 6.67 | 4.69 | 2.83B | 2.40B | 5 |
| 6 | 1.15B | 1.17B | 1.09B | 1.14B | 1.56E | 19.9 | 13.8 | 17.5 | 6.58 | 4.67 | 2.80B | 2.39B | 6 |
| 7 | 1.15B | 1.17B | 1.10B | 1.15B | 1.63E | 20.8 | 15.6 | 16.3 | 6.62 | 4.58 | 2.80B | 2.38B | 7 |
| 8 | 1.16B | 1.18B | 1.10B | 1.16B | 1.70E | 24.5 | 21.3 | 15.1 | 6.22 | 4.29 | 2.79B | 2.32B | 8 |
| 9 | 1.13B | 1.17B | 1.10B | 1.17B | 1.79E | 24.5 | 19.1 | 13.5 | 5.89 | 4.35 | 2.79B | 2.30B | 9 |
| 10 | 1.12B | 1.16B | 1.09B | 1.16B | 1.90E | 22.7 | 15.5 | 12.3 | 5.89 | 4.34 | 2.79B | 2.29B | 10 |
| 11 | 1.12B | 1.14B | 1.08B | 1.17B | 2.00E | 17.1 | 16.7 | 11.7 | 5.70 | 4.28 | 2.76B | 2.30B | 11 |
| 12 | 1.12B | 1.12B | 1.08B | 1.18B | 2.15E | 12.1 | 16.2 | 17.3 | 5.56 | 3.88B | 2.75B | 2.31B | 12 |
| 13 | 1.13B | 1.11B | 1.07B | 1.17B | 2.25E | 9.78 | 13.0 | 21.1 | 5.54 | 3.68B | 2.71B | 2.30B | 13 |
| 14 | 1.12B | 1.10B | 1.06B | 1.16B | 2.40E | 8.22 | 14.7 | 21.8 | 5.56 | 3.50B | 2.70B | 2.29B | 14 |
| 15 | 1.10B | 1.10B | 1.07B | 1.16B | 2.55E | 10.3 | 16.4 | 20.6 | 5.75 | 3.40B | 2.65B | 2.25B | 15 |
| 16 | 1.12B | 1.10B | 1.08B | 1.17B | 2.70E | 12.5 | 15.9 | 22.1 | 6.55 | 3.31B | 2.61B | 2.20B | 16 |
| 17 | 1.13B | 1.10B | 1.08B | 1.18B | 2.90E | 15.4 | 14.8 | 19.9 | 6.06 | 3.27B | 2.60B | 2.18B | 17 |
| 18 | 1.15B | 1.10B | 1.09B | 1.20B | 3.35E | 21.0 | 13.9 | 16.9 | 5.89 | 3.25B | 2.61B | 2.10B | 18 |
| 19 | 1.16B | 1.08B | 1.10B | 1.22B | 3.50E | 23.4 | 17.3 | 16.4 | 6.26 | 3.20B | 2.63B | 2.04B | 19 |
| 20 | 1.15B | 1.08B | 1.11B | 1.23B | 3.75E | 16.5 | 22.3 | 15.1 | 6.82 | 3.15B | 2.64B | 1.96B | 20 |
| 21 | 1.14B | 1.06B | 1.11B | 1.21B | 4.05E | 10.1 | 20.6 | 14.2 | 6.10 | 3.15B | 2.64B | 1.92B | 21 |
| 22 | 1.12B | 1.05B | 1.12B | 1.21B | 4.60E | 10.4 | 19.3 | 13.7 | 5.72 | 3.10B | 2.65B | 1.90B | 22 |
| 23 | 1.11B | 1.04B | 1.13B | 1.22B | 5.10E | 13.6 | 19.1 | 13.4 | 5.85 | 3.05B | 2.67B | 1.89B | 23 |
| 24 | 1.11B | 1.04B | 1.12B | 1.25B | 5.65E | 15.5 | 20.8 | 13.8 | 5.66 | 3.00B | 2.69B | 1.89B | 24 |
| 25 | 1.12B | 1.03B | 1.11B | 1.28B | 6.40E | 18.5 | 21.4 | 12.6 | 5.35 | 2.95B | 2.70B | 1.90B | 25 |
| 26 | 1.11B | 1.03B | 1.10B | 1.30E | 7.50E | 19.8 | 20.3 | 12.6 | 5.20 | 3.02B | 2.69B | 1.89B | 26 |
| 27 | 1.10B | 1.04B | 1.10B | 1.30E | 8.50E | 17.9 | 21.2 | 11.7 | 5.10 | 3.04B | 2.64B | 1.88B | 27 |
| 28 | 1.11B | 1.04B | 1.10B | 1.31E | 9.80E | 18.8 | 22.6 | 10.7 | 5.03 | 3.03B | 2.62B | 1.86B | 28 |
| 29 | 1.12B | | 1.09B | 1.32E | 11.5 E | 16.1 | 22.1 | 10.3 | 5.02 | 2.98B | 2.59B | 1.84B | 29 |
| 30 | 1.13B | | 1.09B | 1.31E | 15.0 E | 15.4 | 24.7 | 9.29 | 5.15 | 2.90B | 2.56B | 1.83B | 30 |
| 31 | 1.15B | | 1.10B | | 16.3 A | | 19.0 | 8.96 | | 2.89B | | 1.82B | 31 |
| TOTAL | 34.95 | 30.99 | 33.82 | 35.92 | 137.61 | 504.42 | 536.5 | 465.35 | 181.81 | 119.14 | 81.47 | 66.56 | TOTAL |
| MEAN | 1.13 | 1.11 | 1.09 | 1.20 | 4.44 | 16.8 | 17.3 | 15.0 | 6.06 | 3.68 | 2.72 | 2.15 | MEAN |
| MAX | 1.16 | 1.18 | 1.13 | 1.32 | 16.3 | 30.8 | 24.7 | 24.6 | 8.32 | 4.96 | 2.90 | 2.52 | MAX |
| MIN | 1.10 | 1.03 | 1.05 | 1.10 | 1.35 | 8.22 | 11.9 | 8.96 | 5.02 | 2.89 | 2.56 | 1.82 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.09
MAXIMUM DAILY, 30.8 ON JUN 7
MINIMUM DAILY, 1.03B ON FEB 25
MAXIMUM INSTANTANEOUS,
68.8 AT 01:40 YST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 21 37 N
LONG 139 09 23 W
DRAINAGE AREA, 631 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 020 | JUL | 46 400 |
| FEB | 2 680 | AUG | 40 200 |
| MAR | 2 920 | SEP | 15 700 |
| APR | 3 100 | OCT | 9 860 |
| MAY | 11 900 | NOV | 7 040 |
| JUN | 43 600 | DEC | 5 750 |

TOTAL DISCHARGE, 192 000 dam³

## EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.010B | 0B | 0B | 0 B | 0.011B | 73.6 | 9.83 | 27.1 | 9.71 | 5.89 | 2.92 B | 0.180B | 1 |
| 2 | 0.009B | 0B | 0B | 0 B | 0.012B | 55.3 | 9.05 | 46.0 | 9.34 | 5.65 | 2.90 B | 0.170B | 2 |
| 3 | 0.008B | 0B | 0B | 0 B | 0.013B | 133 | 40.8 | 37.3 | 8.47 | 5.67 | 2.60 B | 0.170B | 3 |
| 4 | 0.007B | 0B | 0B | 0 B | 0.014B | 125 | 32.4 | 33.2 | 7.90 | 6.24 | 1.90 B | 0.160B | 4 |
| 5 | 0.006B | 0B | 0B | 0 B | 0.016B | 83.5 | 23.6 | 33.2 | 10.9 | 3.90 | 1.59 B | 0.160B | 5 |
| 6 | 0.005B | 0B | 0B | 0 B | 0.017B | 65.1 | 23.0 | 27.3 | 13.6 | 3.53 | 1.33 B | 0.160B | 6 |
| 7 | 0.004B | 0B | 0B | 0 B | 0.022B | 51.4 | 19.7 | 20.2 | 14.2 | 3.67 | 1.15 B | 0.150B | 7 |
| 8 | 0.003B | 0B | 0B | 0 B | 0.025B | 39.6 | 15.4 | 15.1 | 16.7 | 3.56 | 0.900B | 0.150B | 8 |
| 9 | 0.002B | 0B | 0B | 0 B | 0.030B | 28.8 | 14.5 | 12.2 | 21.9 | 3.30 | 0.840B | 0.150B | 9 |
| 10 | 0.001B | 0B | 0B | 0 B | 0.040B | 29.4 | 16.0 | 16.2 | 23.2 | 3.03 | 0.820B | 0.140B | 10 |
| 11 | 0 B | 0B | 0B | 0 B | 0.080B | 24.1 | 14.1 | 17.6 | 20.8 | 3.05 | 0.820B | 0.140B | 11 |
| 12 | 0 B | 0B | 0B | 0 B | 0.150B | 25.2 | 11.3 | 16.3 | 18.0 | 3.02 | 0.820B | 0.130B | 12 |
| 13 | 0 B | 0B | 0B | 0 B | 0.300B | 24.6 | 9.16 | 15.0 | 15.5 | 2.89 | 0.810B | 0.110B | 13 |
| 14 | 0 B | 0B | 0B | 0 B | 0.500B | 22.0 | 7.46 | 13.0 | 13.6 | 2.69 | 0.800B | 0.100B | 14 |
| 15 | 0 B | 0B | 0B | 0 B | 0.800B | 62.3 | 6.82 | 11.2 | 12.1 | 2.62 | 0.760B | 0.090B | 15 |
| 16 | 0 B | 0B | 0B | 0 B | 1.50 B | 88.6 | 6.52 | 9.85 | 11.3 | 2.96 | 0.700B | 0.090B | 16 |
| 17 | 0 B | 0B | 0B | 0 B | 2.50 B | 52.8 | 11.6 | 8.91 | 10.4 | 2.96 | 0.600B | 0.080B | 17 |
| 18 | 0 B | 0B | 0B | 0 B | 4.40 B | 38.9 | 12.7 | 8.93 | 9.67 | 3.24 | 0.480B | 0.080B | 18 |
| 19 | 0 B | 0B | 0B | 0 B | 29.4 | 32.1 | 9.87 | 10.7 | 8.93 | 3.40 | 0.400B | 0.080B | 19 |
| 20 | 0 B | 0B | 0B | 0 B | 65.1 | 35.8 | 8.62 | 12.1 | 8.49 | 3.48 | 0.470B | 0.070B | 20 |
| 21 | 0 B | 0B | 0B | 0 B | 71.7 | 52.8 | 7.23 | 23.1 | 8.21 | 3.36 | 0.460B | 0.070B | 21 |
| 22 | 0 B | 0B | 0B | 0 B | 77.1 | 39.9 | 6.16 | 26.8 | 7.57 | 3.21 | 0.440B | 0.070B | 22 |
| 23 | 0 B | 0B | 0B | 0 B | 84.4 | 28.9 | 5.52 | 22.4 | 7.89 | 3.62 | 0.400B | 0.070B | 23 |
| 24 | 0 B | 0B | 0B | 0 B | 105 | 22.8 | 4.83 | 18.6 | 9.10 | 3.62 | 0.370B | 0.060B | 24 |
| 25 | 0 B | 0B | 0B | 0 B | 135 | 18.6 | 4.27 | 15.1 | 9.42 | 3.71 | 0.390B | 0.060B | 25 |
| 26 | 0 B | 0B | 0B | 0.001B | 152 | 15.2 | 4.25 | 13.8 | 9.58 | 3.81 | 0.270B | 0.060B | 26 |
| 27 | 0 B | 0B | 0B | 0.004B | 151 | 13.4 | 4.38 | 10.8 | 9.18 | 3.68 | 0.250B | 0.060B | 27 |
| 28 | 0 B | 0B | 0B | 0.007B | 150 | 12.0 | 6.05 | 9.30 | 8.74 | 3.57 | 0.230B | 0.060B | 28 |
| 29 | 0 B | | 0B | 0.010B | 149 | 11.0 | 10.0 | 8.29 | 8.17 | 3.61 | 0.210B | 0.060B | 29 |
| 30 | 0 B | | 0B | 0.011B | 111 | 10.1 | 16.8 | 7.64 | 7.88 | 3.53 | 0.200B | 0.060B | 30 |
| 31 | 0 B | | 0B | | 89.1 | | 33.8 | 6.83 | | 3.24 | | 0.060B | 31 |
| TOTAL | 0.055 | 0 | 0 | 0.033 | 1 380.230 | 1 315.4 | 404.18 | 563.05 | 349.65 | 113.31 | 26.810 | 3.250 | TOTAL |
| MEAN | 0.002 | 0 | 0 | 0.001 | 44.5 | 43.8 | 13.0 | 18.2 | 11.7 | 3.66 | 0.894 | 0.105 | MEAN |
| MAX | 0.010 | 0 | 0 | 0.011 | 152 | 133 | 40.8 | 46.0 | 23.2 | 6.24 | 2.92 | 0.180 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0.011 | 10.1 | 4.24 | 6.83 | 7.88 | 2.62 | 0.200 | 0.060 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.6
MAXIMUM DAILY, 152 ON MAY 26
MINIMUM DAILY, 0B ON JAN 11
MAXIMUM INSTANTANEOUS,
174 AT 17:00 YST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 26 30 N
LONG 136 42 30 W
DRAINAGE AREA, 1 720 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4.75 | JUL | 36 900 |
| FEB | 0 | AUG | 48 600 |
| MAR | 0 | SEP | 30 200 |
| APR | 2.85 | OCT | 9 750 |
| MAY | 119 000 | NOV | 3 330 |
| JUN | 114 000 | DEC | 201 |

TOTAL DISCHARGE, 359 000 dam³

## YUKON TERRITORY

### PIERS RIVER NEAR THE MOUTH - STATION NO. 10MD001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0.001B | 26.0B | 158 | 89.1E | 69.6 | 37.2 | 0.430B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0.003B | 33.0B | 155 | 71.2A | 91.4 | 36.8 | 0.380B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0.007B | 50.0B | 133 | 116 | 97.5 | 32.3 | 0.150B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0.009B | 100 B | 109 | 163 | 89.1 | 25.9 B | 0.030B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0.012B | 160 B | 94.8 | 124 | 88.8 | 21.9 B | 0 B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0.018B | 225 B | 88.1 | 99.2 | 73.9 | 18.3 B | 0 B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0.032B | 274 B | 87.4 | 83.2 | 67.6 | 15.4 B | 0 B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0.026B | 284 B | 79.6 | 72.3 | 62.6 | 13.2 B | 0 B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0.033B | 286 B | 71.7 | 67.0 | 57.8 | 11.4 B | 0 B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0.400B | 275 | 70.9 | 70.4 | 57.0 | 9.70 B | 0 B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0.580B | 235 | 70.2 | 67.7 | 55.8 | 8.50 B | 0 B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0.600B | 179 | 66.7 | 65.9 | 55.7 | 7.50 B | 0 B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0.700B | 211 | 63.7 | 64.0 | 53.6 | 6.60 B | 0 B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0.880B | 256 | 59.1 | 64.3 | 51.7 | 5.80 B | 0 B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 1.00 B | 174 | 58.6 | 60.6 | 50.1 | 5.20 B | 0 B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 1.23 B | 117 | 59.4 | 56.7 | 48.7 | 4.70 B | 0 B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 1.59 B | 117 | 72.8 | 53.5 | 48.8 | 4.20 B | 0 B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 1.90 B | 117 | 75.3 | 53.8 | 47.9 | 3.70 B | 0 B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 2.19 B | 155 | 70.4 | 55.9 | 46.5 | 3.36 B | 0 B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 2.64 B | 147 | 66.0 | 58.8 | 49.4 | 3.05 B | 0 B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 2.70 B | 116 | 63.5 | 62.2 | 67.3 | 2.80 B | 0 B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 3.10 B | 117 | 79.4 | 63.2 | 82.5 | 2.55 B | 0 B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 3.55 B | 121 | 91.2 | 60.0 | 78.4 | 2.35 B | 0 B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 4.30 B | 121 | 138 | 56.1 | 72.8 | 2.17 B | 0 B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 4.88 B | 146 | 127 | 53.0 | 66.8 | 2.00 B | 0 B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 5.99 B | 159 | 107 | 50.0 | 58.2 | 1.74 B | 0 B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 7.00 B | 143 | 89.4 | 47.9 | 55.1 | 1.43 B | 0 B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 8.60 B | 131 | 86.9 | 46.3 | 50.1 | 1.20 B | 0 B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 11.0 B | 114 | 76.9 | 49.2 | 45.9 | 0.960B | 0 B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 14.5 B | 141 | 67.0A | 51.2 | 39.4 | 0.780B | 0 B | 0B | 30 |
| 31 | 0B | | 0B | | 18.5 B | | 68.2E | 52.7 | | 0.600B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 97.583 | 4 718.0 | 2 694.2 | 2 128.4 | 1 866.8 | 293.390 | 0.910 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 3.15 | 157 | 86.9 | 68.7 | 62.2 | 9.46 | 0.030 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 18.5 | 286 | 158 | 163 | 97.5 | 37.2 | 0.430 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0.001 | 26.0 | 58.6 | 46.3 | 39.4 | 0.600 | 0 | 0 | MIN |

### SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.3
MAXIMUM DAILY, 286B ON JUN 9
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 19 00 N
LONG 139 34 00 W
DRAINAGE AREA, 5 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 232 000 |
| FEB | 0 | AUG | 184 000 |
| MAR | 0 | SEP | 161 000 |
| APR | 0 | OCT | 25 300 |
| MAY | 8 430 | NOV | 78.6 |
| JUN | 408 000 | DEC | 0 |

TOTAL DISCHARGE, 1 020 000 dam³

### FORTYMILE RIVER NEAR THE MOUTH - STATION NO. 09BC002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.400B | 0.050B | 0.028B | 0.063B | 0.700B | 473 | 112 | --- | 23.5 | 35.9 | 9.50B | 2.38 B | 1 |
| 2 | 0.350B | 0.050B | 0.029B | 0.055B | 1.00 B | 427 | 95.7 | --- | 59.6 | 33.9 | 8.80B | 2.00 B | 2 |
| 3 | 0.318B | 0.051B | 0.030B | 0.056B | 1.60 B | 397 | 83.7 | --- | 69.7 | 31.7 | 8.20B | 1.64 B | 3 |
| 4 | 0.310B | 0.052B | 0.032B | 0.065B | 2.30 B | 383 | 71.6 | --- | 49.2 | 29.7 | 7.60B | 1.38 B | 4 |
| 5 | 0.300B | 0.052B | 0.035B | 0.079B | 3.50 B | 253 | 64.1 | --- | 48.2 | 27.6 | 6.90B | 1.11 B | 5 |
| 6 | 0.186B | 0.051B | 0.042B | 0.088B | 5.00 B | 238 | 58.1 | --- | 50.1 | 25.7 | 6.60B | 1.07 B | 6 |
| 7 | 0.158B | 0.049B | 0.050B | 0.093B | 7.60 B | 296 | 53.8 | --- | 46.2 | 23.5 | 6.40B | 1.03 B | 7 |
| 8 | 0.148B | 0.048B | 0.048B | 0.101B | 11.0 B | 387 | 47.1 | --- | 47.3 | 21.1 | 6.15B | 1.00 B | 8 |
| 9 | 0.167B | 0.046B | 0.046B | 0.106B | 16.0 B | 334 | 44.6 | --- | 62.2 | 21.5 | 5.90B | 0.970B | 9 |
| 10 | 0.165B | 0.044B | 0.050B | 0.096B | 25.0 B | 263 | 60.0 | --- | 71.3 | 21.1 | 5.75B | 0.930B | 10 |
| 11 | 0.142B | 0.042B | 0.050B | 0.092B | 36.0 B | 205 | 175 | --- | 68.6 | 20.3 | 5.60B | 0.890B | 11 |
| 12 | 0.130B | 0.038B | 0.048B | 0.090B | 48.0 B | 221 | 210 | --- | 65.7 | 19.5B | 5.30B | 0.750B | 12 |
| 13 | 0.137B | 0.029B | 0.037B | 0.089B | 70.0 B | 242 | 268 | --- | 63.1 | 18.5B | 5.00B | 0.600B | 13 |
| 14 | 0.133B | 0.030B | 0.038B | 0.089B | 113 B | 287 | 301 | --- | 62.2 | 17.7B | 4.60B | 0.500B | 14 |
| 15 | 0.126B | 0.033B | 0.038B | 0.089B | 180 B | 284 | 325 | --- | 58.1 | 17.0B | 4.20B | 0.440B | 15 |
| 16 | 0.113B | 0.031B | 0.036B | 0.090B | 270 E | 1 090 | 328 | --- | 53.2 | 16.1B | 4.00B | 0.400B | 16 |
| 17 | 0.102B | 0.027B | 0.037B | 0.092B | 380 E | 1 300 | 313 | --- | 48.9 | 15.4B | 3.75B | 0.360B | 17 |
| 18 | 0.098B | 0.027B | 0.044B | 0.094B | 600 E | 861 | 665 A | --- | 45.9 | 14.8B | 3.60B | 0.340B | 18 |
| 19 | 0.094B | 0.027B | 0.052B | 0.098B | 800 E | 576A | --- | --- | 43.3 | 14.3B | 3.55B | 0.320B | 19 |
| 20 | 0.086B | 0.027B | 0.059B | 0.103B | 1 090 E | 938 | --- | --- | 42.0 | 13.8B | 3.50B | 0.300B | 20 |
| 21 | 0.078B | 0.025B | 0.057B | 0.108B | 1 060 A | 1 160 | --- | --- | 40.9 | 13.0B | 3.45B | 0.290B | 21 |
| 22 | 0.073B | 0.026B | 0.060B | 0.117B | 931 | 1 000 | --- | --- | 40.4 | 12.8B | 3.40B | 0.280B | 22 |
| 23 | 0.068B | 0.024B | 0.061B | 0.128B | 794 | 598 | --- | --- | 40.4 | 12.2B | 3.40B | 0.270B | 23 |
| 24 | 0.058B | 0.025B | 0.058B | 0.142B | 738 | 425 | --- | --- | 45.5 | 12.0B | 3.40B | 0.250B | 24 |
| 25 | 0.054B | 0.027B | 0.061B | 0.163B | 697 | 336 | --- | --- | 48.7 | 11.8B | 3.40B | 0.230B | 25 |
| 26 | 0.052B | 0.027B | 0.060B | 0.190B | 762 | 269 | --- | --- | 45.8 | 11.4B | 3.40B | 0.210B | 26 |
| 27 | 0.050B | 0.025B | 0.056B | 0.230B | 813 | 223 | --- | --- | 42.6 | 11.1B | 3.40B | 0.180B | 27 |
| 28 | 0.049B | 0.036B | 0.052B | 0.275B | 847 | 194 | --- | --- | 40.4 | 11.0B | 3.35B | 0.160B | 28 |
| 29 | 0.048B | | 0.052B | 0.370B | 752 | 162 | --- | 21.3A | 38.5 | 10.8B | 2.70B | 0.140B | 29 |
| 30 | 0.048B | | 0.053B | 0.520B | 575 | 134 | --- | 20.6 | 37.1 | 10.4B | 2.60B | 0.120B | 30 |
| 31 | 0.049B | | 0.055B | | 548 | | --- | 20.8 | | 10.0B | | 0.110B | 31 |
| TOTAL | 4.250 | 0.998 | 1.450 | 3.965 | 12 283.70 | 13 908 | --- | --- | 1 485.6 | 565.6 | 147.40 | 29.450 | TOTAL |
| MEAN | 0.137 | 0.036 | 0.047 | 0.133 | 396 | 464 | --- | --- | 49.5 | 18.2 | 4.91 | 0.680 | MEAN |
| MAX | 0.400 | 0.052 | 0.061 | 0.520 | 1 090 | 1 300 | --- | --- | 71.3 | 35.9 | 9.50 | 2.38 | MAX |
| MIN | 0.048 | 0.024 | 0.028 | 0.055 | 0.700 | 134 | --- | --- | 23.5 | 10.0 | 2.60 | 0.110 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1 300 ON JUN 17
MINIMUM DAILY, 0.024B ON FEB 22
MAXIMUM INSTANTANEOUS,
1 440 AT 22:29 YST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 33 50 N
LONG 140 36 40 W
DRAINAGE AREA, 16 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 367 | JUL | --- |
| FEB | 86.3 | AUG | --- |
| MAR | 125 | SEP | 128 000 |
| APR | 343 | OCT | 48 900 |
| MAY | 1 838 000 | NOV | 12 700 |
| JUN | 1 300 000 | DEC | 1 770 |

## FRANCES LAKE AT KILOMETRE 171.6 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AB002

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | 0.893 | 2.581 | 3.153 | 2.008 | 1.811 | 1.736 | 1.486 | --- | 1 |
| 2 | --- | --- | --- | --- | 0.881 | 2.614 | 3.118 | 1.984 | 1.811 | 1.760 | 1.478 | --- | 2 |
| 3 | --- | --- | --- | --- | 0.888 | 2.720 | 3.098 | 1.973 | 1.820 | 1.766 | 1.461 | --- | 3 |
| 4 | --- | --- | --- | --- | 0.899 | 2.816 | 3.055 | 1.963 | 1.816 | 1.763 | 1.466 | --- | 4 |
| 5 | 1.056A | --- | --- | --- | 0.903 | 2.886 | 3.015 | 1.957 | 1.817 | 1.775 | 1.452 | --- | 5 |
| 6 | 1.056A | --- | --- | --- | 0.926 | 2.913 | 2.973 | 1.937 | 1.827 | 1.787 | 1.425 | --- | 6 |
| 7 | --- | --- | --- | 0.868A | 0.960 | 2.938 | 2.928 | 1.925 | 1.832 | 1.776 | 1.416 | --- | 7 |
| 8 | --- | --- | --- | 0.939 | 0.977 | 3.018 | 2.877 | 1.928 | 1.823 | 1.772 | 1.410 | --- | 8 |
| 9 | --- | --- | --- | 0.966 | 1.027 | 3.158 | 2.833 | 1.918 | 1.836 | 1.771 | 1.394 | --- | 9 |
| 10 | --- | --- | --- | 0.969 | 1.084 | 3.336 | 2.786 | 1.886 | 1.847 | 1.780 | 1.373 | --- | 10 |
| 11 | --- | --- | --- | 0.950 | 1.157 | 3.493 | 2.747 | 1.878 | 1.809 | 1.778 | 1.353 | --- | 11 |
| 12 | --- | --- | --- | 0.853 | 1.254 | 3.603 | 2.685 | 1.896 | 1.852 | 1.765 | 1.346 | --- | 12 |
| 13 | --- | --- | --- | 0.871 | 1.384 | 3.683 | 2.632 | 1.908 | 1.850 | 1.767 | 1.336 | --- | 13 |
| 14 | --- | --- | --- | 0.873 | 1.473 | 3.744 | 2.588 | 1.911 | 1.853 | 1.762 | 1.318 | --- | 14 |
| 15 | --- | --- | --- | 0.874 | 1.556 | 3.810 | 2.531 | 1.900 | 1.845 | 1.745 | 1.304 | --- | 15 |
| 16 | --- | --- | --- | 0.873 | 1.624 | 3.809 | 2.498 | 1.902 | 1.838 | 1.756 | 1.310 | --- | 16 |
| 17 | --- | --- | --- | 0.877 | 1.679 | 3.778 | 2.459 | 1.908 | 1.835 | 1.748 | 1.304 | --- | 17 |
| 18 | --- | --- | --- | 0.878 | 1.772 | 3.740 | 2.423 | 1.907 | 1.835 | 1.732 | 1.285A | --- | 18 |
| 19 | --- | --- | --- | 0.886 | 1.931 | 3.701 | 2.405 | 1.909 | 1.826 | 1.701 | --- | --- | 19 |
| 20 | --- | --- | --- | 0.886 | 2.049 | 3.689 | 2.384 | 1.913 | 1.819 | 1.695 | --- | --- | 20 |
| 21 | --- | --- | --- | 0.877 | 2.123 | 3.674 | 2.361 | 1.901 | 1.811 | 1.695 | --- | --- | 21 |
| 22 | --- | --- | --- | 0.868 | 2.197 | 3.638 | 2.332 | 1.893 | 1.812 | 1.688 | --- | --- | 22 |
| 23 | --- | --- | --- | 0.871 | 2.238 | 3.562 | 2.292 | 1.888 | 1.796 | 1.663 | --- | --- | 23 |
| 24 | --- | --- | --- | 0.879 | 2.238 | 3.493 | 2.278 | 1.869 | 1.784 | 1.665 | --- | --- | 24 |
| 25 | --- | --- | --- | 0.880 | 2.248 | 3.424 | 2.243 | 1.865 | 1.778 | 1.652 | --- | --- | 25 |
| 26 | --- | --- | --- | 0.870 | 2.246 | 3.366 | 2.189 | 1.857 | 1.778 | 1.628 | --- | --- | 26 |
| 27 | --- | --- | --- | 0.875 | 2.260 | 3.315 | 2.163 | 1.843 | 1.770 | 1.606 | --- | --- | 27 |
| 28 | --- | --- | --- | 0.884 | 2.287 | 3.273 | 2.133 | 1.839 | 1.756 | 1.577 | --- | --- | 28 |
| 29 | --- | | --- | 0.882 | 2.313 | 3.239 | 2.102 | 1.831 | 1.758 | 1.548 | --- | --- | 29 |
| 30 | --- | | --- | 0.887 | 2.353 | 3.200 | 2.073 | 1.826 | 1.762 | 1.535 | --- | --- | 30 |
| 31 | --- | | --- | | 2.411 | | 2.048 | 1.818 | | 1.519 | | --- | 31 |
| MEAN | --- | --- | --- | --- | 1.630 | 3.338 | 2.561 | 1.901 | 1.815 | 1.707 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | 2.411 | 3.810 | 3.153 | 2.008 | 1.853 | 1.787 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | 0.868 | 2.581 | 2.048 | 1.818 | 1.756 | 1.519 | --- | --- | MIN |

WATER LEVELS IN METRES

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 30 N
LONG 129 37 40 W

A - MANUAL GAUGE

NATURAL FLOW

MAXIMUM DAILY, 3.810 ON JUN 15

MAXIMUM INSTANTANEOUS,
3.830 AT 12:21 YST ON JUN 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 729.621 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

## FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 38.5B | 30.2B | 24.8B | 22.3B | 28.2B | 381 | 345 | 127 | 110 | 102 | 78.0B | 58.0B | 1 |
| 2 | 38.2B | 30.1B | 24.8B | 22.0B | 29.1B | 370 | 338 | 126 | 111 | 104 | 79.0B | 55.0B | 2 |
| 3 | 38.0B | 30.1B | 24.7B | 22.1B | 30.5B | 338 | 338 | 127 | 116 | 104 | 80.0B | 52.0B | 3 |
| 4 | 38.0B | 30.0B | 24.7B | 22.4B | 32.0B | 360 | 328 | 128 | 118 | 105 | 81.0B | 51.0B | 4 |
| 5 | 38.2B | 30.0B | 24.7B | 22.6B | 33.5B | 355 | 319 | 126 | 118 | 107 | 79.0B | 50.0B | 5 |
| 6 | 38.1B | 29.8B | 24.7B | 23.0B | 35.0B | 348 | 308 | 125 | 117 | 109 | 75.0B | 49.0B | 6 |
| 7 | 38.0B | 29.5B | 24.8B | 23.1B | 38.0B | 356 | 297 | 123 | 117 | 110 | 73.5B | 49.3B | 7 |
| 8 | 38.0B | 28.8B | 24.9B | 23.2B | 41.0B | 388 | 287 | 120 | 120 | 110 | 72.0B | 49.6B | 8 |
| 9 | 37.9B | 28.5B | 25.0B | 23.2B | 47.0B | 461 | 275 | 117 | 122 | 109 | 70.0B | 49.0B | 9 |
| 10 | 37.2B | 28.0B | 25.1B | 23.3B | 53.0B | 511 | 266 | 116 | 124 | 108 | 69.0B | 48.0B | 10 |
| 11 | 36.8B | 27.5B | 25.0B | 23.3B | 60.0B | 544 | 255 | 117 | 125 | 107 | 68.5B | 48.3B | 11 |
| 12 | 35.6B | 27.2B | 24.9B | 23.4B | 69.0B | 565 | 246 | 125 | 125 | 107 | 68.0B | 48.0B | 12 |
| 13 | 34.8B | 27.1B | 24.6B | 23.5B | 79.0B | 572 | 238 | 129 | 124 | 107 | 68.5B | 47.2B | 13 |
| 14 | 33.8B | 27.0B | 24.2B | 23.5B | 92.0B | 575 | 228 | 127 | 122 | 106 | 69.0B | 46.0B | 14 |
| 15 | 32.8B | 27.0B | 24.0B | 23.5B | 102 | 584 | 220 | 125 | 120 | 106 | 68.5B | 45.0B | 15 |
| 16 | 32.5B | 27.1B | 23.9B | 23.4B | 105 | 582 | 212 | 124 | 120 | 105 | 67.5B | 45.0B | 16 |
| 17 | 32.2B | 27.0B | 23.5B | 23.4B | 115 | 563 | 205 | 125 | 119 | 98.8 | 66.5B | 45.5B | 17 |
| 18 | 33.0B | 26.9B | 23.2B | 23.4B | 138 | 539 | 199 | 130 | 116 | 95.9 | 65.0B | 45.0B | 18 |
| 19 | 31.8B | 26.8B | 23.0B | 23.4B | 183 | 521 | 199 | 131 | 116 | 98.1 | 63.0B | 44.5B | 19 |
| 20 | 31.5B | 26.5B | 23.1B | 23.4B | 199 | 515 | 196 | 127 | 115 | 97.8 | 60.0B | 44.0B | 20 |
| 21 | 31.2B | 26.3B | 23.4B | 23.5B | 200 | 503 | 190 | 123 | 112 | 96.4 | 59.0B | 43.0B | 21 |
| 22 | 31.1B | 26.0B | 23.6B | 23.7B | 198 | 488 | 182 | 122 | 111 | 95.2 | 57.0B | 41.0B | 22 |
| 23 | 31.0B | 25.8B | 23.8B | 24.0B | 199 | 467 | 177 | 121 | 109 | 94.6 | 56.5B | 39.5B | 23 |
| 24 | 31.0B | 25.6B | 23.9B | 24.1B | 200 | 448 | 171 | 119 | 108 | 93.2 | 56.0B | 39.0B | 24 |
| 25 | 30.9B | 25.3B | 23.7B | 24.3B | 198 | 417 | 166 | 120 | 106 | 91.0 | 56.3B | 38.5B | 25 |
| 26 | 30.8B | 25.1B | 23.5B | 24.6B | 199 | 403 | 158 | 119 | 104 | 87.1 | 56.6B | 38.0B | 26 |
| 27 | 30.8B | 25.0B | 23.4B | 24.9B | 202 | 386 | 153 | 118 | 102 | 85.0 | 57.0B | 40.0B | 27 |
| 28 | 30.7B | 24.9B | 23.2B | 25.2B | 206 | 372 | 147 | 116 | 102 | 83.0B | 57.5B | 40.0B | 28 |
| 29 | 30.6B | | 23.0B | 26.0B | 219 | 362 | 140 | 115 | 101 | 81.0B | 58.0B | 40.5B | 29 |
| 30 | 30.5B | | 22.9B | 27.0B | 240 | 355 | 135 | 113 | 101 | 80.0B | 59.0B | 41.0B | 30 |
| 31 | 30.4B | | 22.6B | | 257 | | 130 | 112 | | 79.0B | | 40.5B | 31 |
| TOTAL | 1 052.9 | 769.1 | 744.6 | 708.7 | 3 037.3 | 13 461 | 7 048 | 3 793 | 3 431 | 3 062.9 | 1 993.9 | 1 411.4 | TOTAL |
| MEAN | 34.0 | 27.5 | 24.0 | 23.6 | 133 | 449 | 227 | 122 | 114 | 98.8 | 66.5 | 45.5 | MEAN |
| MAX | 38.5 | 30.2 | 25.1 | 27.0 | 257 | 584 | 345 | 131 | 125 | 110 | 81.0 | 58.0 | MAX |
| MIN | 30.4 | 24.9 | 22.6 | 22.0 | 28.2 | 281 | 130 | 112 | 101 | 79.0 | 56.0 | 38.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 113
MAXIMUM DAILY, 584 ON JUN 15
MINIMUM DAILY, 22.0B ON APR 3
MAXIMUM INSTANTANEOUS,
586 AT 23:11 YST ON JUN 15

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 28 26 N
LONG 129 07 08 W
DRAINAGE AREA, 12 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 91 000 | JUL | 609 000 |
| FEB | 66 500 | AUG | 328 000 |
| MAR | 64 300 | SEP | 296 000 |
| APR | 61 200 | OCT | 265 000 |
| MAY | 331 000 | NOV | 172 000 |
| JUN | 1 160 000 | DEC | 122 000 |

TOTAL DISCHARGE, 3 570 000 dam³

YUKON TERRITORY

GILTANA CREEK NEAR THE MOUTH - STATION NO. 08AA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.034B | 0B | 0B | 0 B | 0.021B | 8.88 | 0.698 | 1.22 E | 0.763 | 0.603 | 0.508B | 0.260B | 1 |
| 2 | 0.025B | 0B | 0B | 0 B | 0.024B | 9.04 | 0.594 | 1.25 E | 0.808 | 0.611 | 0.501B | 0.245B | 2 |
| 3 | 0.020B | 0B | 0B | 0 B | 0.029B | 8.71 | 0.565 | 1.28 E | 0.816 | 0.620 | 0.493B | 0.230B | 3 |
| 4 | 0.020B | 0B | 0B | 0 B | 0.034B | 8.13 | 0.507 | 1.23 | 0.816 | 0.628 | 0.460B | 0.215B | 4 |
| 5 | 0.016B | 0B | 0B | 0 B | 0.042B | 7.24 | 0.463 | 1.45 | 0.812 | 0.630 | 0.438B | 0.210B | 5 |
| 6 | 0.015B | 0B | 0B | 0 B | 0.061B | 6.38 | 0.419 | 1.58 | 0.786 | 0.660 | 0.437B | 0.203B | 6 |
| 7 | 0.013B | 0B | 0B | 0 B | 0.074B | 6.27 | 0.394 | 1.66 | 0.782 | 0.687 | 0.435B | 0.200B | 7 |
| 8 | 0.012B | 0B | 0B | 0 B | 0.089B | 6.84 | 0.373 | 1.65 | 0.745 | 0.665 | 0.430B | 0.198B | 8 |
| 9 | 0.011B | 0B | 0B | 0 B | 0.095B | 7.34 | 0.344 | 1.59 | 0.724 | 0.648 | 0.425B | 0.191B | 9 |
| 10 | 0.014B | 0B | 0B | 0 B | 0.101B | 7.12 | 0.320 | 1.52 | 0.700 | 0.633 | 0.420B | 0.187B | 10 |
| 11 | 0.015B | 0B | 0B | 0 B | 0.111B | 6.41 | 0.297 | 1.45 | 0.674 | 0.621 | 0.405B | 0.185B | 11 |
| 12 | 0.016B | 0B | 0B | 0 B | 0.127B | 5.80 | 0.257 | 1.48 | 0.651 | 0.611 | 0.390B | 0.184B | 12 |
| 13 | 0.014B | 0B | 0B | 0 B | 0.138B | 5.05 | 0.228 | 1.62 | 0.639 | 0.616 | 0.380B | 0.180B | 13 |
| 14 | 0.012B | 0B | 0B | 0 B | 0.147B | 4.38 | 0.232 | 1.85 | 0.621 | 0.588 | 0.370B | 0.170B | 14 |
| 15 | 0.010B | 0B | 0B | 0 B | 0.156B | 3.67 | 0.246 | 1.94 | 0.604 | 0.569 | 0.366B | 0.160B | 15 |
| 16 | 0 B | 0B | 0B | 0 B | 0.169B | 3.05 | 0.228 | 1.84 | 0.591 | 0.558 | 0.357B | 0.145B | 16 |
| 17 | 0 B | 0B | 0B | 0 B | 0.185A | 2.62 | 0.223 | 1.71 | 0.560 | 0.547 | 0.350B | 0.138B | 17 |
| 18 | 0 B | 0B | 0B | 0 B | 1.98 | 2.31 | 0.245B | 1.56 | 0.547 | 0.572 | 0.345B | 0.134B | 18 |
| 19 | 0 B | 0B | 0B | 0 B | 2.35 | 2.10 | 0.301B | 1.45 | 0.520 | 0.584 | 0.340B | 0.131B | 19 |
| 20 | 0 B | 0B | 0B | 0 B | 3.69 | 1.95 | 0.372B | 1.36 | 0.501 | 0.610B | 0.335B | 0.126B | 20 |
| 21 | 0 B | 0B | 0B | 0 B | 4.81 | 1.82 | 0.445B | 1.27 | 0.488 | 0.602B | 0.330B | 0.125B | 21 |
| 22 | 0 B | 0B | 0B | 0 B | 5.04 | 1.63 | 0.525B | 1.17 | 0.479 | 0.575B | 0.328B | 0.123B | 22 |
| 23 | 0 B | 0B | 0B | 0 B | 4.91 | 1.47 | 0.609B | 1.09 | 0.510 | 0.540B | 0.326B | 0.121B | 23 |
| 24 | 0 B | 0B | 0B | 0 B | 4.70 | 1.29 | 0.752B | 1.01 | 0.554 | 0.520B | 0.320B | 0.120B | 24 |
| 25 | 0 B | 0B | 0B | 0 B | 4.33 | 1.16 | 0.810B | 0.955 | 0.571 | 0.509B | 0.318B | 0.118B | 25 |
| 26 | 0 B | 0B | 0B | 0 B | 4.10 | 1.06 | 0.864B | 0.928 | 0.587 | 0.500B | 0.315B | 0.116B | 26 |
| 27 | 0 B | 0B | 0B | 0 B | 4.51 | 0.978 | 0.927B | 0.945 | 0.592 | 0.503B | 0.310B | 0.114B | 27 |
| 28 | 0 B | 0B | 0B | 0 B | 5.37 | 0.919 | 0.980B | 0.934 | 0.602 | 0.510B | 0.310B | 0.112B | 28 |
| 29 | 0 B | | 0B | 0.012B | 6.68 | 0.819 | 1.03 B | 0.910 | 0.607 | 0.518B | 0.298B | 0.111B | 29 |
| 30 | 0 B | | 0B | 0.015B | 7.71 | 0.747 | 1.10 B | 0.869 | 0.611 | 0.514B | 0.270B | 0.112B | 30 |
| 31 | 0 B | | 0B | | 8.22 | | 1.18 B | 0.819 | | 0.510B | | 0.113B | 31 |
| TOTAL | 0.337 | 0 | 0 | 0.027 | 70.043 | 125.143 | 16.533 | 41.598 | 19.259 | 18.054 | 11.318 | 4.977 | TOTAL |
| MEAN | 0.008 | 0 | 0 | 0.001 | 2.26 | 4.17 | 0.533 | 1.34 | 0.642 | 0.582 | 0.377 | 0.161 | MEAN |
| MAX | 0.025 | 0 | 0 | 0.015 | 8.22 | 9.04 | 1.18 | 1.94 | 0.816 | 0.687 | 0.508 | 0.260 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0.021 | 0.747 | 0.222 | 0.819 | 0.479 | 0.500 | 0.270 | 0.111 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.842
MAXIMUM DAILY, 9.04 ON JUN 2
MINIMUM DAILY, 0B ON JAN 16
MAXIMUM INSTANTANEOUS,
9.14 AT 04:27 YST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 50 N
LONG 136 58 42 W
DRAINAGE AREA, 194 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 20.5 | JUL | 1 430 |
| FEB | 0 | AUG | 3 590 |
| MAR | 0 | SEP | 1 660 |
| APR | 2.33 | OCT | 1 560 |
| MAY | 6 050 | NOV | 978 |
| JUN | 10 800 | DEC | 430 |

TOTAL DISCHARGE, 26 500 dam³

NESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.1 B | 9.55B | 3.95B | 3.57B | 4.05B | 223A | 170 | 162 | 88.0E | 61.0E | 25.0B | 16.4B | 1 |
| 2 | 12.2 B | 9.60B | 4.00B | 3.67B | 4.20B | 161 | 177 | 200 | 87.0E | 66.0E | 25.0B | 16.3B | 2 |
| 3 | 12.3 B | 9.60B | 4.00B | 3.71B | 4.34B | 171 | 192 | 189 | 86.0E | 69.0E | 24.8B | 16.2B | 3 |
| 4 | 12.5 B | 9.55B | 4.01B | 3.70B | 4.50B | 194 | 163 | 157 | 87.0E | 74.0E | 24.3B | 16.0B | 4 |
| 5 | 12.7 B | 9.65B | 4.04B | 3.76B | 4.70B | 263 | 147 | 150 | 86.0E | 69.0E | 23.5B | 15.5B | 5 |
| 6 | 12.1 B | 9.80B | 4.10B | 3.87B | 5.05B | 320 | 132 | 151 | 85.0E | 66.0E | 23.2B | 15.2B | 6 |
| 7 | 11.4 B | 9.90B | 4.12B | 4.00B | 5.50B | 353 | 133 | 162 | 86.0E | 63.0E | 23.1B | 15.1B | 7 |
| 8 | 11.5 B | 9.50B | 4.10B | 3.92B | 6.10B | 228 | 140 | 96.7 | 88.0E | 60.0E | 23.0B | 15.0B | 8 |
| 9 | 11.7 B | 8.75B | 3.95B | 3.83B | 7.00B | 175 | 152 | 105 | 90.0E | 58.0E | 22.1B | 14.6B | 9 |
| 10 | 12.0 B | 7.50B | 3.75B | 3.72B | 8.00B | 308 | 179 | 113 | 93.0E | 56.0E | 21.8B | 14.4B | 10 |
| 11 | 12.3 B | 6.70B | 3.63B | 3.50B | 9.40B | 391 | 234 | 110 | 94.0E | 55.5E | 21.2B | 14.3B | 11 |
| 12 | 12.5 B | 6.10B | 3.61B | 3.48B | 11.6 B | 477 | 278 | 150 | 96.0E | 55.0E | 21.0B | 14.2B | 12 |
| 13 | 12.6 B | 6.00B | 3.65B | 3.50B | 14.5 B | 511 | 190 | 146 A | 94.0E | 54.5E | 20.5B | 14.0B | 13 |
| 14 | 11.9 B | 6.00B | 3.67B | 3.52B | 20.0 B | 480 | 148 | 130 | 91.0E | 53.0E | 19.0B | 13.8B | 14 |
| 15 | 11.5 B | 5.90B | 3.65B | 3.60B | 25.0 B | 592 | 166 | 90.6 | 87.0E | 51.0E | 18.5B | 13.3B | 15 |
| 16 | 11.3 B | 5.85B | 3.65B | 3.65B | 31.5 B | 517 | 154 | 88.5 | 81.0E | 48.0B | 17.5B | 12.8B | 16 |
| 17 | 10.9 B | 5.75B | 3.69B | 3.65B | 41.0 B | 391 | 179 | 117 | 77.0E | 47.0B | 17.0B | 12.5B | 17 |
| 18 | 10.7 B | 5.40B | 3.71B | 3.61B | 51.0 B | 331 | 247 | 151 | 71.0E | 45.0B | 16.8B | 12.3B | 18 |
| 19 | 10.5 B | 5.20B | 3.70B | 3.60B | 62.0 E | 258 | 258 | 190 | 66.0E | 43.0B | 16.5B | 12.0B | 19 |
| 20 | 10.1 B | 4.75B | 3.82B | 3.62B | 71.0 E | 406 | 204 | 173 | 61.0E | 41.0B | 16.5B | 11.8B | 20 |
| 21 | 9.75B | 4.50B | 3.89B | 3.62B | 85.0 E | 443 | 155 | 165 | 56.6A | 39.0B | 16.4B | 11.7B | 21 |
| 22 | 9.50B | 4.25B | 3.90B | 3.62B | 100 E | 390 | 146 | 131 | 55.0E | 36.0B | 16.3B | 11.7B | 22 |
| 23 | 9.30B | 4.10B | 3.82B | 3.63B | 121 E | 332 | 138 | 143 | 54.0E | 34.0B | 17.0B | 11.5B | 23 |
| 24 | 9.15B | 3.85B | 3.80B | 3.61B | 120 E | 267 | 121 | 124 | 53.0E | 32.0B | 17.3B | 11.3B | 24 |
| 25 | 9.10B | 3.75B | 3.76B | 3.65B | 118 E | 242 | 124 | 147 | 52.0E | 30.0B | 17.1B | 11.1B | 25 |
| 26 | 9.15B | 3.80B | 3.70B | 3.70B | 121 E | 222 | 153 | 116 | 52.0E | 27.0B | 17.0B | 11.2B | 26 |
| 27 | 9.20B | 3.87B | 3.52B | 3.76B | 127 E | 193 | 178 | 99.0A | 52.5E | 26.0B | 16.8B | 11.3B | 27 |
| 28 | 9.30B | 3.90B | 3.40B | 3.85B | 135 E | 182 | 119 | 96.0E | 53.0E | 26.0B | 16.5B | 11.5B | 28 |
| 29 | 9.43B | | 3.41B | 3.90B | 152 E | 192 | 145 | 92.0E | 55.0E | 25.8B | 16.5B | 11.5B | 29 |
| 30 | 9.45B | | 3.45B | 3.90B | 175 E | 172 | 108 | 90.0E | 58.0E | 25.5B | 16.6B | 11.3B | 30 |
| 31 | 9.50B | | 3.50B | | 195 E | | 125 | 89.0E | | 25.0B | | 11.1B | 31 |
| TOTAL | 337.43 | 183.07 | 117.03 | 110.88 | 1 839.44 | 9 377 | 5 154 | 4 123.8 | 2 235.1 | 1 461.3 | 587.8 | 410.9 | TOTAL |
| MEAN | 10.9 | 6.54 | 3.78 | 3.69 | 59.3 | 313 | 166 | 133 | 74.5 | 47.1 | 19.6 | 13.3 | MEAN |
| MAX | 12.7 | 9.80 | 4.12 | 4.00 | 195 | 592 | 278 | 200 | 96.0 | 74.0 | 25.0 | 16.4 | MAX |
| MIN | 9.10 | 3.75 | 3.40 | 3.48 | 4.05 | 161 | 108 | 88.5 | 52.0 | 25.0 | 16.3 | 11.1 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.1
MAXIMUM DAILY, 592 ON JUN 15
MINIMUM DAILY, 3.40B ON MAR 28
MAXIMUM INSTANTANEOUS,
779 AT 06:30 YST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 19 50 N
LONG 131 30 00 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 29 200 | JUL | 445 000 |
| FEB | 15 800 | AUG | 356 000 |
| MAR | 10 100 | SEP | 193 000 |
| APR | 9 570 | OCT | 126 000 |
| MAY | 159 000 | NOV | 50 800 |
| JUN | 810 000 | DEC | 35 500 |

TOTAL DISCHARGE, 2 240 000 dam³

## HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD - STATION NO. 10AD002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.65B | 5.45B | 4.44B | 4.20B | 8.60B | 72.1 | 138 | 58.1 | 39.0E | 29.5E | 20.6B | 14.2 B | 1 |
| 2 | 6.60B | 5.50B | 4.42B | 4.20B | 9.40B | 83.6 | 154 | 55.6 | 40.0E | 29.0E | 20.2B | 13.9 B | 2 |
| 3 | 6.64B | 5.58B | 4.40B | 4.25B | 10.0 B | 90.6 | 144 | 53.0 | 41.0E | 28.5E | 20.0B | 13.7 B | 3 |
| 4 | 6.60B | 5.45B | 4.40B | 4.25B | 11.2 B | 86.7 | 125 | 47.9 | 41.0E | 28.0E | 19.7B | 13.2 B | 4 |
| 5 | 6.60B | 5.45B | 4.42B | 4.30B | 11.8 B | 74.2 | 121 | 49.9 | 40.0E | 27.5E | 19.4B | 13.0 B | 5 |
| 6 | 6.60B | 5.43B | 4.42B | 4.30B | 12.3 B | 69.2 | 108 | 51.2 | 38.0E | 27.0E | 19.0B | 13.0 B | 6 |
| 7 | 6.58B | 5.40B | 4.40B | 4.35B | 13.0 B | 77.2 | 101 | 47.2 | 39.5E | 26.5E | 18.6B | 12.8 B | 7 |
| 8 | 6.55B | 5.35B | 4.40B | 4.38B | 13.6 B | 107 | 103 | 46.9 | 40.0E | 26.0E | 18.2B | 12.5 B | 8 |
| 9 | 6.50B | 5.30B | 4.35B | 4.40B | 14.3 B | 131 | 98.9 | 49.3 | 41.0E | 25.5E | 17.8B | 12.3 B | 9 |
| 10 | 6.45B | 5.20B | 4.30B | 4.45B | 15.0 B | 161 | 98.9 | 47.6 | 39.0E | 25.3E | 17.8B | 12.0 B | 10 |
| 11 | 6.40B | 5.12B | 4.28B | 4.48B | 16.0 B | 190 | 99.2 | 56.3 | 37.0E | 25.0E | 17.7B | 11.9 B | 11 |
| 12 | 6.35B | 5.00B | 4.25B | 4.50B | 16.6 B | 205 | 87.3 | 74.1 | 36.0E | 25.6E | 17.6B | 11.8 B | 12 |
| 13 | 6.30B | 4.95B | 4.22B | 4.55B | 17.5 B | 206 | 77.1 | 68.3 | 37.0E | 26.2E | 17.5B | 11.6 B | 13 |
| 14 | 6.20B | 4.90B | 4.23B | 4.60B | 18.0 B | 226 | 72.9 | 60.9 | 36.0E | 26.0E | 17.5B | 11.3 B | 14 |
| 15 | 6.10B | 4.85B | 4.23B | 4.70B | 18.5 B | 234 | 72.5 | 54.7 | 35.0E | 25.7E | 17.3B | 11.1 B | 15 |
| 16 | 6.00B | 4.88B | 4.20B | 4.75B | 20.0 | 189 | 77.5 | 52.3 | 34.0E | 25.0B | 17.0B | 11.0 B | 16 |
| 17 | 5.95B | 4.90B | 4.20B | 4.80B | 22.4 | 141 | 76.9 | 51.8 | 33.0E | 24.5B | 16.5B | 10.8 B | 17 |
| 18 | 5.90B | 4.90B | 4.22B | 4.90B | 30.8 | 126 | 74.2 | 50.6 | 32.5E | 24.3B | 16.0B | 10.5 B | 18 |
| 19 | 5.85B | 4.90B | 4.15B | 5.00B | 39.5 | 156 | 70.8 | 48.9 | 32.0E | 24.0B | 15.8B | 10.2 B | 19 |
| 20 | 5.78B | 4.80B | 4.12B | 5.10B | 36.4 | 230 | 63.8 | 45.0 | 31.5E | 24.0B | 15.5B | 9.75B | 20 |
| 21 | 5.75B | 4.75B | 4.15B | 5.25B | 35.4 | 211 | 60.3 | 42.1 | 30.5E | 23.7B | 15.2B | 9.30B | 21 |
| 22 | 5.73B | 4.70B | 4.10B | 5.40B | 33.1 | 141 | 59.0 | 40.7 | 30.0E | 23.5B | 15.0B | 9.20B | 22 |
| 23 | 5.70B | 4.60B | 4.08B | 5.60B | 32.1 | 123 | 59.5 | 40.3 | 30.0E | 23.2B | 14.8B | 9.10B | 23 |
| 24 | 5.65B | 4.55B | 4.05B | 5.80B | 30.9 | 125 | 56.3 | 39.0A | 29.5E | 22.9B | 14.7B | 9.00B | 24 |
| 25 | 5.62B | 4.50B | 4.02B | 6.00B | 31.1 | 125 | 55.9 | 39.5E | 29.0E | 22.2B | 14.5B | 8.90B | 25 |
| 26 | 5.60B | 4.48B | 4.07B | 6.30B | 33.1 | 130 | 55.3 | 40.0E | 28.5E | 21.9B | 14.6B | 8.90B | 26 |
| 27 | 5.57B | 4.46B | 4.12B | 6.60B | 37.2 | 141 | 53.9 | 40.5E | 28.0E | 21.7B | 14.6B | 8.95B | 27 |
| 28 | 5.55B | 4.44B | 4.16B | 6.90B | 44.2 | 147 | 52.0 | 39.5E | 28.0E | 21.5B | 14.7B | 9.00B | 28 |
| 29 | 5.50B | | 4.18B | 7.20B | 56.1 | 150 | 52.9 | 38.5E | 28.5E | 21.4B | 14.7B | 9.10B | 29 |
| 30 | 5.45B | | 4.20B | 7.80B | 66.8 | 141 | 50.9 | 38.0E | 29.0E | 21.1B | 14.5B | 9.05B | 30 |
| 31 | 5.42B | | 4.15B | | 69.1 | | 52.4 | 37.5E | | 20.8B | | 9.00B | 31 |
| TOTAL | 188.14 | 139.71 | 131.33 | 153.31 | 824.00 | 4 297.6 | 2 572.4 | 1 501.2 | 1 034.5 | 767.0 | 507.0 | 340.05 | TOTAL |
| MEAN | 6.07 | 4.99 | 4.24 | 5.11 | 26.6 | 143 | 83.0 | 48.4 | 34.5 | 24.7 | 16.9 | 11.0 | MEAN |
| MAX | 6.65 | 5.50 | 4.44 | 7.80 | 69.1 | 234 | 154 | 74.1 | 41.0 | 29.5 | 20.6 | 14.2 | MAX |
| MIN | 5.42 | 4.44 | 4.02 | 4.20 | 8.60 | 69.2 | 50.9 | 37.5 | 28.0 | 20.8 | 14.5 | 8.90 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.1
MAXIMUM DAILY, 234 ON JUN 15
MINIMUM DAILY, 4.02B ON MAR 25
MAXIMUM INSTANTANEOUS,
348 AT 05:04 YST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 29 00 N
LONG 128 14 10 W
DRAINAGE AREA, 2 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 16 300 | JUL | 222 000 |
| FEB | 12 100 | AUG | 130 000 |
| MAR | 11 300 | SEP | 89 400 |
| APR | 13 200 | OCT | 66 300 |
| MAY | 71 200 | NOV | 43 800 |
| JUN | 371 000 | DEC | 29 400 |

TOTAL DISCHARGE, 1 080 000 dam³

## INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.078B | 0.019B | 0.009B | 0.010B | 0.021B | 21.7 | 6.05 | 3.61 | 2.14 | 2.48 | 0.900B | 0.300B | 1 |
| 2 | 0.077B | 0.019B | 0.010B | 0.010B | 0.023B | 18.7 | 5.54 | 5.97 | 2.28 | 2.79 | 0.890B | 0.270B | 2 |
| 3 | 0.074B | 0.018B | 0.010B | 0.010B | 0.026B | 19.4 | 4.92 | 6.67 | 2.46 | 2.85 | 0.860B | 0.260B | 3 |
| 4 | 0.073B | 0.017B | 0.010B | 0.010B | 0.040B | 20.6 | 4.67 | 6.10 | 2.47 | 2.67 | 0.810B | 0.240B | 4 |
| 5 | 0.073B | 0.017B | 0.010B | 0.011B | 0.060B | 15.9 | 4.42 | 5.33 | 2.51 | 2.36 | 0.770B | 0.220B | 5 |
| 6 | 0.072B | 0.016B | 0.011B | 0.011B | 0.100B | 12.7 | 4.13 | 4.79 | 2.83 | 2.13 | 0.740B | 0.200B | 6 |
| 7 | 0.064B | 0.015B | 0.011B | 0.012B | 0.150B | 11.4 | 3.87 | 4.05 | 2.90 | 2.21 | 0.700B | 0.190B | 7 |
| 8 | 0.058B | 0.013B | 0.011B | 0.012B | 0.240B | 31.1 | 3.71 | 3.71 | 2.80 | 2.24 | 0.680B | 0.160B | 8 |
| 9 | 0.056B | 0.012B | 0.011B | 0.012B | 0.380B | 63.4 | 3.50 | 3.35 | 2.84 | 2.06 | 0.660B | 0.150B | 9 |
| 10 | 0.054B | 0.011B | 0.011B | 0.012B | 0.600B | 32.8 | 3.18 | 3.06 | 2.87 | 1.99 | 0.640B | 0.150B | 10 |
| 11 | 0.052B | 0.010B | 0.011B | 0.012B | 0.900B | 20.2 | 3.42 | 2.97 | 2.90 | 1.82 B | 0.630B | 0.140B | 11 |
| 12 | 0.050B | 0.010B | 0.010B | 0.012B | 1.60 B | 16.4 | 4.98 | 2.81 | 2.83 | 1.75 B | 0.620B | 0.140B | 12 |
| 13 | 0.048B | 0.010B | 0.010B | 0.012B | 2.70 B | 14.7 | 4.58 | 2.53 | 2.77 | 1.69 B | 0.600B | 0.140B | 13 |
| 14 | 0.046B | 0.010B | 0.010B | 0.012B | 4.00 B | 19.3 | 3.97 | 2.47 | 2.77 | 1.62 B | 0.550B | 0.140B | 14 |
| 15 | 0.044B | 0.010B | 0.010B | 0.012B | 6.60 B | 21.1 | 3.69 | 2.41 | 2.83 | 1.60 B | 0.500B | 0.130B | 15 |
| 16 | 0.040B | 0.009B | 0.010B | 0.012B | 10.0 E | 37.2 | 3.48 | 2.32 | 2.73 | 1.55 B | 0.470B | 0.130B | 16 |
| 17 | 0.035B | 0.009B | 0.010B | 0.012B | 16.0 E | 40.5 | 3.82 | 2.58 | 2.69 | 1.45 B | 0.440B | 0.120B | 17 |
| 18 | 0.031B | 0.009B | 0.010B | 0.012B | 25.0 E | 31.3 | 4.96 | 2.71 | 2.61 | 1.38 B | 0.430B | 0.110B | 18 |
| 19 | 0.029B | 0.009B | 0.010B | 0.013B | 42.0 E | 22.1 | 7.13 | 2.91 | 2.56 | 1.29 B | 0.420B | 0.100B | 19 |
| 20 | 0.027B | 0.009B | 0.010B | 0.013B | 70.0 E | 23.8 | 10.0 | 2.96 | 2.66 | 1.24 B | 0.420B | 0.090B | 20 |
| 21 | 0.025B | 0.009B | 0.010B | 0.013B | 79.9 A | 34.8 | 7.28 | 2.82 | 2.85 | 1.21 B | 0.420B | 0.080B | 21 |
| 22 | 0.024B | 0.009B | 0.011B | 0.014B | 70.4 | 29.9 | 5.38 | 2.73 | 3.18 | 1.15 B | 0.410B | 0.080B | 22 |
| 23 | 0.023B | 0.009B | 0.011B | 0.014B | 53.4 | 22.5 | 4.68 | 2.57 | 2.98 | 1.06 B | 0.400B | 0.070B | 23 |
| 24 | 0.022B | 0.009B | 0.011B | 0.014B | 45.2 | 16.8 | 4.39 | 2.37 | 2.77 | 1.03 B | 0.390B | 0.070B | 24 |
| 25 | 0.022B | 0.009B | 0.011B | 0.015B | 42.7 | 13.1 | 4.09 | 2.41 | 2.59 | 1.02 B | 0.380B | 0.070B | 25 |
| 26 | 0.022B | 0.009B | 0.011B | 0.015B | 46.1 | 11.1 | 3.77 | 2.54 | 2.70 | 0.990B | 0.370B | 0.070B | 26 |
| 27 | 0.022B | 0.009B | 0.010B | 0.016B | 49.2 | 9.42 | 3.59 | 2.48 | 2.64 | 0.960B | 0.360B | 0.070B | 27 |
| 28 | 0.021B | 0.009B | 0.010B | 0.016B | 44.5 | 7.82 | 3.50 | 2.49 | 2.52 | 0.940B | 0.350B | 0.060B | 28 |
| 29 | 0.021B | | 0.010B | 0.018B | 41.1 A | 6.82 | 3.23 | 2.28 | 2.49 | 0.920B | 0.330B | 0.060B | 29 |
| 30 | 0.020B | | 0.010B | 0.019B | 32.5 | 6.39 | 2.99 | 2.24 | 2.44 | 0.910B | 0.320B | 0.060B | 30 |
| 31 | 0.020B | | 0.010B | | 24.5 | | 2.92 | 2.22 | | 0.900B | | 0.060B | 31 |
| TOTAL | 1.323 | 0.324 | 0.320 | 0.386 | 709.940 | 652.95 | 139.84 | 100.46 | 80.61 | 50.260 | 16.460 | 4.130 | TOTAL |
| MEAN | 0.043 | 0.012 | 0.010 | 0.013 | 22.9 | 21.8 | 4.51 | 3.24 | 2.69 | 1.62 | 0.549 | 0.133 | MEAN |
| MAX | 0.078 | 0.019 | 0.011 | 0.019 | 79.9 | 63.4 | 10.0 | 6.67 | 3.18 | 2.85 | 0.900 | 0.300 | MAX |
| MIN | 0.020 | 0.009 | 0.009 | 0.010 | 0.021 | 6.39 | 2.92 | 2.22 | 2.14 | 0.900 | 0.320 | 0.060 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.81
MAXIMUM DAILY, 79.9A ON MAY 21
MINIMUM DAILY, 0.009B ON FEB 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 46 16 N
LONG 139 37 45 W
DRAINAGE AREA, 2 220 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 114 | JUL | 13 100 |
| FEB | 28.0 | AUG | 6 680 |
| MAR | 27.6 | SEP | 6 960 |
| APR | 33.4 | OCT | 4 340 |
| MAY | 61 300 | NOV | 1 420 |
| JUN | 56 400 | DEC | 357 |

TOTAL DISCHARGE, 152 000 dam³

YUKON TERRITORY

## KING CREEK AT KILOMETRE 20.9 HANANNI RANGE ROAD - STATION NO. 10AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.029B | 0.024B | 0.015B | 0.013B | 0.014B | 0.546 | 0.254 | 0.072 | 0.099E | 0.071E | 0.033B | 0.016B | 1 |
| 2 | 0.028B | 0.024B | 0.015B | 0.012B | 0.015B | 0.611 | 0.296 | 0.071 | 0.096E | 0.070E | 0.031B | 0.015B | 2 |
| 3 | 0.028B | 0.024B | 0.015B | 0.013B | 0.015B | 0.650 | 0.309 | 0.072 | 0.094E | 0.070E | 0.030B | 0.015B | 3 |
| 4 | 0.027B | 0.024B | 0.015B | 0.013B | 0.016B | 0.542 | 0.273 | 0.072 | 0.093E | 0.069E | 0.026B | 0.014B | 4 |
| 5 | 0.028B | 0.024B | 0.015B | 0.013B | 0.016B | 0.422 | 0.246 | 0.084 | 0.092E | 0.068E | 0.025B | 0.014B | 5 |
| 6 | 0.028B | 0.023B | 0.015B | 0.014B | 0.017B | 0.401 | 0.230 | 0.068 | 0.092E | 0.067E | 0.024B | 0.014B | 6 |
| 7 | 0.028B | 0.023B | 0.015B | 0.014B | 0.018B | 0.503 | 0.218 | 0.064 | 0.090E | 0.066E | 0.023B | 0.014B | 7 |
| 8 | 0.028B | 0.023B | 0.016B | 0.014B | 0.019B | 0.812 | 0.200 | 0.059 | 0.089E | 0.065E | 0.022B | 0.014B | 8 |
| 9 | 0.028B | 0.022B | 0.016B | 0.013B | 0.020B | 1.07 | 0.193 | 0.052 | 0.088E | 0.062E | 0.021B | 0.013B | 9 |
| 10 | 0.029B | 0.021B | 0.016B | 0.013B | 0.021B | 0.884 | 0.188 | 0.056 | 0.088E | 0.058E | 0.021B | 0.013B | 10 |
| 11 | 0.029B | 0.021B | 0.016B | 0.013B | 0.022B | 0.804 | 0.170 | 0.092 | 0.087E | 0.056E | 0.021B | 0.012B | 11 |
| 12 | 0.028B | 0.020B | 0.016B | 0.013B | 0.023B | 0.688 | 0.161 | 0.141 | 0.086E | 0.056E | 0.021B | 0.012B | 12 |
| 13 | 0.028B | 0.019B | 0.015B | 0.013B | 0.025B | 0.619 | 0.151 | 0.117 | 0.085E | 0.056E | 0.020B | 0.012B | 13 |
| 14 | 0.027B | 0.019B | 0.015B | 0.013B | 0.026B | 0.585 | 0.146 | 0.104 | 0.085E | 0.055E | 0.019B | 0.012B | 14 |
| 15 | 0.026B | 0.019B | 0.015B | 0.012B | 0.030B | 0.504 | 0.142 | 0.091 | 0.085E | 0.054E | 0.018B | 0.012B | 15 |
| 16 | 0.026B | 0.019B | 0.014B | 0.012B | 0.032B | 0.453 | 0.136 | 0.090 | 0.084E | 0.053B | 0.018B | 0.012B | 16 |
| 17 | 0.025B | 0.019B | 0.014B | 0.012B | 0.034B | 0.404 | 0.127 | 0.098 | 0.083E | 0.052B | 0.017B | 0.012B | 17 |
| 18 | 0.024B | 0.019B | 0.014B | 0.012B | 0.038B | 0.403 | 0.135 | 0.105 | 0.081E | 0.052B | 0.016B | 0.011B | 18 |
| 19 | 0.024B | 0.018B | 0.014B | 0.012B | 0.042B | 0.468 | 0.134 | 0.097 | 0.079E | 0.052B | 0.016B | 0.011B | 19 |
| 20 | 0.024B | 0.018B | 0.014B | 0.012B | 0.048B | 0.463 | 0.121 | 0.097 | 0.077E | 0.051B | 0.015B | 0.011B | 20 |
| 21 | 0.023B | 0.018B | 0.015B | 0.012B | 0.052B | 0.393 | 0.113 | 0.087 | 0.075E | 0.050B | 0.015B | 0.011B | 21 |
| 22 | 0.023B | 0.018B | 0.015B | 0.013B | 0.055B | 0.332 | 0.112 | 0.082 | 0.074E | 0.049B | 0.014B | 0.011B | 22 |
| 23 | 0.023B | 0.017B | 0.015B | 0.013B | 0.059B | 0.329 | 0.111 | 0.085 | 0.073E | 0.047B | 0.015B | 0.010B | 23 |
| 24 | 0.023B | 0.017B | 0.015B | 0.013B | 0.063B | 0.321 | 0.103 | 0.083A | 0.072E | 0.044B | 0.015B | 0.010B | 24 |
| 25 | 0.023B | 0.016B | 0.014B | 0.013B | 0.072B | 0.316 | 0.096 | 0.084E | 0.072E | 0.044B | 0.015B | 0.009B | 25 |
| 26 | 0.023B | 0.016B | 0.014B | 0.013B | 0.080B | 0.330 | 0.092 | 0.088E | 0.072E | 0.043B | 0.015B | 0.009B | 26 |
| 27 | 0.023B | 0.016B | 0.014B | 0.013B | 0.090B | 0.312 | 0.091 | 0.092E | 0.072E | 0.042B | 0.015B | 0.010B | 27 |
| 28 | 0.023B | 0.016B | 0.014B | 0.013B | 0.098B | 0.303 | 0.084 | 0.102E | 0.072E | 0.041B | 0.016B | 0.010B | 28 |
| 29 | 0.023B | | 0.014B | 0.014B | 0.105B | 0.288 | 0.082 | 0.112E | 0.071E | 0.039B | 0.016B | 0.011B | 29 |
| 30 | 0.024B | | 0.013B | 0.014B | 0.501 | 0.268 | 0.080 | 0.106E | 0.071E | 0.036B | 0.017B | 0.010B | 30 |
| 31 | 0.024B | | 0.013B | | 0.465 | | 0.075 | 0.102E | | 0.035B | | 0.010B | 31 |
| TOTAL | 0.797 | 0.557 | 0.456 | 0.387 | 2.131 | 15.024 | 4.869 | 2.725 | 2.477 | 1.673 | 0.590 | 0.370 | TOTAL |
| MEAN | 0.026 | 0.020 | 0.015 | 0.013 | 0.069 | 0.501 | 0.157 | 0.088 | 0.083 | 0.054 | 0.020 | 0.012 | MEAN |
| MAX | 0.029 | 0.024 | 0.016 | 0.014 | 0.501 | 1.07 | 0.309 | 0.141 | 0.099 | 0.071 | 0.033 | 0.016 | MAX |
| MIN | 0.023 | 0.016 | 0.013 | 0.012 | 0.014 | 0.268 | 0.075 | 0.052 | 0.071 | 0.035 | 0.014 | 0.009 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 1.07 ON JUN 9
MINIMUM DAILY, 0.009B ON DEC 25
MAXIMUM INSTANTANEOUS,
1.27 AT 01:28 YST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 56 50 N
LONG 128 55 40 W
DRAINAGE AREA, 13.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 68.9 | JUL | 421 |
| FEB | 48.1 | AUG | 235 |
| MAR | 39.4 | SEP | 214 |
| APR | 33.4 | OCT | 145 |
| MAY | 184 | NOV | 51.0 |
| JUN | 1 300 | DEC | 32.0 |

TOTAL DISCHARGE, 2 770 dam³

## KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.3 B | 9.95B | 8.50B | 7.65B | 10.0B | 234 | 138 | 67.6 | 40.2 | 37.6 | 20.7B | 15.4B | 1 |
| 2 | 11.2 B | 10.0 B | 8.60B | 7.60B | 10.5B | 237 | 126 | 67.0 | 42.3 | 35.9 | 20.6B | 14.7B | 2 |
| 3 | 11.2 B | 10.0 B | 8.60B | 7.60B | 11.2B | 249 | 115 | 64.4 | 42.6 | 34.1 | 20.2B | 13.8B | 3 |
| 4 | 11.2 B | 10.0 B | 8.60B | 7.70B | 12.1B | 259 | 107 | 62.8 | 43.6 | 33.6 | 19.6B | 13.5B | 4 |
| 5 | 11.3 B | 10.0 B | 8.60B | 7.80B | 13.3B | 202 | 103 | 62.5 | 46.6 | 32.2 | 18.9B | 13.2B | 5 |
| 6 | 11.1 B | 10.1 B | 8.70B | 8.00B | 15.0B | 186 | 99.5 | 61.5 | 47.6 | 31.3 | 18.3B | 13.2B | 6 |
| 7 | 10.7 B | 9.95B | 8.80B | 8.20B | 16.5B | 233 | 93.8 | 57.6 | 47.3 | 31.1 | 18.1B | 13.1B | 7 |
| 8 | 10.4 B | 9.70B | 8.80B | 8.25B | 19.5B | 351 | 91.2 | 54.8 | 48.1 | 30.8 | 18.0B | 13.1B | 8 |
| 9 | 10.3 B | 9.50B | 8.80B | 8.20B | 22.0B | 416 | 97.4 | 53.0 | 50.9 | 30.5 | 18.0B | 13.2B | 9 |
| 10 | 10.3 B | 9.30B | 8.65B | 8.15B | 25.0B | 371 | 104 | 53.5 | 52.8 | 30.4 | 17.9B | 13.2B | 10 |
| 11 | 10.4 B | 9.05B | 8.60B | 8.00B | 31.0B | 332 | 102 | 52.7 | 53.1 | 30.3 | 18.0B | 13.4B | 11 |
| 12 | 10.6 B | 9.00B | 8.45B | 8.00B | 37.0B | 323 | 109 | 51.1 | 51.6 | 30.0 | 18.1B | 13.4B | 12 |
| 13 | 10.6 B | 9.00B | 8.30B | 8.00B | 45.0B | 303 | 122 | 48.8 | 49.7 | 29.7 | 18.1B | 13.0B | 13 |
| 14 | 10.5 B | 8.95B | 8.20B | 8.10B | 56.0B | 260 | 110 | 46.8 | 48.5 | 29.7 | 17.8B | 12.5B | 14 |
| 15 | 10.4 B | 8.90B | 8.15B | 8.20B | 70.0B | 250 | 101 | 45.1 | 47.6 | 28.8B | 17.3B | 12.0B | 15 |
| 16 | 10.4 B | 8.75B | 8.15B | 8.40B | 90.0B | 272 | 105 | 44.4 | 46.9 | 28.0B | 16.3B | 12.0B | 16 |
| 17 | 10.3 B | 8.60B | 8.10B | 8.45B | 140 B | 252 | 110 | 45.1 | 45.7 | 27.4B | 15.7B | 12.0B | 17 |
| 18 | 10.2 B | 8.60B | 8.20B | 8.50B | 171 | 227 | 159 | 46.9 | 44.4 | 24.5B | 15.2B | 11.8B | 18 |
| 19 | 10.1 B | 8.55B | 8.25B | 8.60B | 224 | 229 | 207 | 46.6 | 43.4 | 23.4B | 15.2B | 11.1B | 19 |
| 20 | 10.0 B | 8.40B | 8.40B | 8.60B | 247 | 319 | 166 | 45.3 | 42.4 | 22.4B | 15.3B | 10.8B | 20 |
| 21 | 9.90B | 8.30B | 8.50B | 8.50B | 258 | 336 | 137 | 44.0 | 42.1 | 22.0B | 15.7B | 10.7B | 21 |
| 22 | 9.70B | 8.20B | 8.60B | 8.40B | 232 | 281 | 117 | 43.2 | 42.0 | 22.0B | 15.8B | 10.7B | 22 |
| 23 | 9.60B | 8.20B | 8.60B | 8.40B | 203 | 238 | 105 | 42.4 | 41.2 | 21.5B | 15.9B | 10.7B | 23 |
| 24 | 9.40B | 8.20B | 8.60B | 8.45B | 190 | 209 | 97.3 | 41.3 | 40.7 | 20.5B | 16.0B | 10.8B | 24 |
| 25 | 9.40B | 8.20B | 8.55B | 8.60B | 193 | 190 | 91.0 | 40.8 | 40.4 | 20.3B | 16.0B | 11.0B | 25 |
| 26 | 9.35B | 8.25B | 8.50B | 8.65B | 209 | 176 | 86.5 | 40.2 | 39.7 | 20.1B | 16.0B | 11.2B | 26 |
| 27 | 9.30B | 8.40B | 8.30B | 8.80B | 240 | 172 | 82.2 | 39.4 | 39.2 | 20.0B | 16.1B | 11.3B | 27 |
| 28 | 9.40B | 8.40B | 8.20B | 8.95B | 268 | 164 | 76.7 | 38.7 | 38.2 | 20.0B | 16.2B | 11.4B | 28 |
| 29 | 9.50B | | 7.95B | 9.25B | 280 | 157 | 72.4 | 37.9 | 37.7 | 20.0B | 16.1B | 11.3B | 29 |
| 30 | 9.60B | | 7.80B | 9.50B | 266 | 145 | 69.6 | 37.2 | 37.7 | 20.1B | 15.9B | 11.4B | 30 |
| 31 | 9.80B | | 7.70B | | 240 | | 68.2 | 37.8 | | 20.3B | | 11.4B | 31 |
| TOTAL | 317.45 | 252.45 | 260.75 | 249.50 | 3 841.1 | 7 573 | 3 364.8 | 1 520.4 | 1 334.2 | 828.5 | 517.0 | 380.3 | TOTAL |
| MEAN | 10.2 | 9.02 | 8.41 | 8.32 | 124 | 252 | 109 | 49.0 | 44.5 | 26.7 | 17.2 | 12.3 | MEAN |
| MAX | 11.3 | 10.1 | 8.80 | 9.50 | 280 | 416 | 207 | 67.6 | 53.1 | 37.6 | 20.7 | 15.4 | MAX |
| MIN | 9.30 | 8.20 | 7.70 | 7.60 | 10.0 | 145 | 68.2 | 37.2 | 37.7 | 20.0 | 15.2 | 10.7 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.0
MAXIMUM DAILY, 416 ON JUN 9
MINIMUM DAILY, 7.60B ON APR 2
MAXIMUM INSTANTANEOUS,
422 AT 13:50 YST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 02 34 N
LONG 139 24 38 W
DRAINAGE AREA, 7 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 27 400 | JUL | 291 000 |
| FEB | 21 800 | AUG | 131 000 |
| MAR | 22 500 | SEP | 115 000 |
| APR | 21 600 | OCT | 71 600 |
| MAY | 332 000 | NOV | 44 700 |
| JUN | 654 000 | DEC | 32 900 |

TOTAL DISCHARGE, 1 770 000 dam³

YUKON TERRITORY

KLUANE LAKE NEAR BURWASH LANDING - STATION NO. 09CA001

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.310E | 2.290 | --- | 2.224E | 2.155 | 2.390 | 3.279 | 3.891 | 3.741 | 3.139 | 2.594 | 2.411 | 1 |
| 2 | 2.308E | 2.291 | --- | 2.225E | 2.150 | 2.424 | 3.304 | 3.901 | 3.722 | 3.120 | 2.582 | 2.406 | 2 |
| 3 | 2.307E | 2.288 | --- | 2.227E | 2.148 | 2.470 | 3.322 | 3.900 | 3.686 | 3.098 | 2.586 | 2.400 | 3 |
| 4 | 2.308E | 2.279 | --- | 2.228E | 2.143 | 2.491 | 3.328 | 3.905 | 3.664 | 3.079 | 2.575 | 2.398 | 4 |
| 5 | 2.305E | 2.281 | --- | 2.226A | 2.140 | 2.509 | 3.335 | 3.911 | 3.613 | 3.068 | 2.576 | 2.390 | 5 |
| 6 | 2.303E | 2.277 | --- | 2.223 | 2.145 | 2.539 | 3.356 | 3.912 | 3.576 | 3.049 | 2.582 | 2.375A | 6 |
| 7 | 2.304E | 2.276 | --- | 2.221 | 2.162 | 2.586 | 3.373 | 3.894 | 3.570 | 2.995 | 2.569 | 2.371E | 7 |
| 8 | 2.304E | 2.271 | --- | 2.219 | 2.185 | 2.640 | 3.381 | 3.898 | 3.548 | 2.964 | 2.538 | 2.370E | 8 |
| 9 | 2.303E | 2.288 | --- | 2.224 | 2.185 | 2.687 | 3.390 | 3.918 | 3.528 | 2.938 | 2.560 | 2.367E | 9 |
| 10 | 2.301E | 2.288 | --- | 2.215 | 2.151 | 2.731 | 3.416 | 3.930 | 3.501 | 2.914 | 2.533 | 2.362E | 10 |
| 11 | 2.302E | 2.287 | --- | 2.214 | 2.161 | 2.768 | 3.425 | 3.939 | 3.477 | 2.891 | 2.523 | 2.358E | 11 |
| 12 | 2.301E | --- | --- | 2.213 | 2.170 | 2.797 | 3.443 | 3.939 | 3.445 | 2.872 | 2.504 | 2.355E | 12 |
| 13 | 2.299E | --- | --- | 2.214 | 2.179 | 2.839 | 3.462 | 3.915 | 3.383 | 2.858 | 2.496 | 2.397E | 13 |
| 14 | 2.298A | --- | --- | 2.207 | 2.186 | 2.862 | 3.475 | 3.894 | 3.379 | 2.860 | 2.502 | 2.344E | 14 |
| 15 | 2.294 | --- | --- | 2.205 | 2.192 | 2.885 | 3.483 | 3.881 | 3.369A | 2.868 | 2.513 | 2.342E | 15 |
| 16 | 2.309 | --- | --- | 2.199 | 2.196 | 2.905 | 3.490 | 3.886 | 3.358E | 2.803 | 2.515 | 2.339E | 16 |
| 17 | 2.305 | --- | --- | 2.197 | 2.198 | 2.916 | 3.519 | 3.895 | 3.341E | 2.795 | 2.533 | 2.336E | 17 |
| 18 | 2.301 | --- | --- | 2.193 | 2.200 | 2.929 | 3.540 | 3.897 | 3.325A | 2.791 | 2.535A | 2.334E | 18 |
| 19 | 2.310 | --- | --- | 2.183 | 2.208 | 2.952 | 3.562 | 3.901 | 3.315 | 2.764 | 2.519E | 2.331E | 19 |
| 20 | 2.298 | --- | --- | 2.181 | 2.212 | 2.989 | 3.571 | 3.900 | 3.306 | 2.804 | 2.502E | 2.328E | 20 |
| 21 | 2.289 | --- | --- | 2.182 | 2.224 | 3.017 | 3.582 | 3.893 | 3.292 | 2.770 | 2.465E | 2.326E | 21 |
| 22 | 2.292 | --- | --- | 2.180 | 2.230 | 3.031 | 3.600 | 3.880 | 3.280 | 2.765 | 2.439 | 2.324E | 22 |
| 23 | 2.289 | --- | --- | 2.179 | 2.232 | 3.053 | 3.606 | 3.865 | 3.296 | 2.748 | 2.434 | 2.321E | 23 |
| 24 | 2.292 | --- | --- | 2.172 | 2.240 | 3.076 | 3.638 | 3.864 | 3.284 | 2.710 | 2.433 | 2.318E | 24 |
| 25 | 2.288 | --- | --- | 2.167 | 2.247 | 3.095 | 3.668 | 3.850 | 3.254 | 2.713 | 2.425 | 2.316E | 25 |
| 26 | 2.290 | --- | --- | 2.157 | 2.259 | 3.124 | 3.699 | 3.857 | 3.235 | 2.748 | 2.427A | 2.312E | 26 |
| 27 | 2.286 | --- | --- | 2.153 | 2.270 | 3.162 | 3.717 | 3.854 | 3.221 | 2.711 | 2.435 | 2.309E | 27 |
| 28 | 2.282 | --- | --- | 2.155 | 2.287 | 3.182 | 3.746 | 3.834 | 3.185 | 2.650 | 2.424 | 2.305E | 28 |
| 29 | 2.288 | | --- | 2.155 | 2.312 | 3.226 | 3.770 | 3.798 | 3.158 | 2.645 | 2.419 | 2.303E | 29 |
| 30 | 2.289 | | --- | 2.156 | 2.333 | 3.246 | 3.798 | 3.769 | 3.155 | 2.674 | 2.420 | 2.301E | 30 |
| 31 | 2.287 | | --- | | 2.361 | | 3.859 | 3.752 | | 2.617 | | 2.298E | 31 |
| MEAN | 2.298 | --- | --- | 2.196 | 2.205 | 2.851 | 3.521 | 3.881 | 3.407 | 2.852 | 2.505 | 2.347 | MEAN |
| MAX | 2.310 | --- | --- | 2.228 | 2.361 | 3.246 | 3.859 | 3.939 | 3.741 | 3.139 | 2.594 | 2.411 | MAX |
| MIN | 2.282 | --- | --- | 2.153 | 2.140 | 2.390 | 3.279 | 3.752 | 3.155 | 2.617 | 2.419 | 2.298 | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.939 ON AUG 11
MINIMUM DAILY, 2.140 ON MAY 5
MAXIMUM INSTANTANEOUS,
3.963 AT 02:40 YST ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 03 18 N
LONG 138 30 12 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 777.304 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1943 ADJ.)

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.5B | 13.1B | 12.7B | 11.7B | 11.6B | 39.5 | 167 | 260 | 246 | 130 | 55.9 | 26.0B | 1 |
| 2 | 14.6B | 13.0B | 12.6B | 11.6B | 11.8E | 42.1 | 167 | 266 | 242 | 126 | 57.3 | 25.0B | 2 |
| 3 | 14.7B | 13.1B | 12.5B | 11.5B | 11.9E | 43.4 | 173 | 274 | 240 | 123 | 52.9 | 24.0B | 3 |
| 4 | 14.6B | 13.4B | 12.4B | 11.4B | 12.0E | 47.3 | 181 | 277 | 229 | 119 | 53.2 | 24.0B | 4 |
| 5 | 14.4B | 13.6B | 12.8B | 11.4B | 12.1E | 49.6 | 179 | 279 | 239 | 114 | 50.5 | 24.0B | 5 |
| 6 | 14.0B | 13.2B | 12.8B | 11.3B | 12.1E | 52.6 | 173 | 288 | 238 | 111 | 59.2 | 23.7B | 6 |
| 7 | 13.6B | 13.1B | 13.0B | 11.2B | 12.3E | 56.9 | 175 | 310 | 217 | 121 | 51.5 | 23.4B | 7 |
| 8 | 13.5B | 13.3B | 12.9B | 11.1B | 12.5E | 62.8 | 184 | 302 | 210 | 119 | 50.4 | 22.5B | 8 |
| 9 | 13.6B | 13.5B | 12.9B | 11.0B | 12.7E | 69.4 | 184 | 286 | 203 | 120 | 47.5 | 21.4B | 9 |
| 10 | 13.7B | 13.8B | 12.4B | 11.0B | 12.9E | 79.0 | 185 | 285 | 203 | 121 | 47.4 | 21.0B | 10 |
| 11 | 14.0B | 13.7B | 12.4B | 11.1B | 13.0E | 85.0 | 192 | 286 | 196 | 119 | 46.2 | 20.8B | 11 |
| 12 | 14.0B | 13.5B | 12.0B | 11.0B | 13.4E | 79.3 | 193 | 279 | 192 | 112 | 45.8 | 20.5B | 12 |
| 13 | 13.9B | 13.0B | 12.0B | 11.1B | 13.9E | 86.9 | 190 | 282 | 204 | 103 | 47.5 | 20.3B | 13 |
| 14 | 13.7B | 12.4B | 12.1B | 11.2B | 14.4E | 89.5 | 193 | 282 | 185 | 89.4 | 43.5 | 20.0B | 14 |
| 15 | 13.4B | 12.2B | 12.2B | 11.3B | 15.0E | 91.0 | 196 | 278 | 184 | 83.8 | 42.8 | 19.0B | 15 |
| 16 | 13.4B | 12.2B | 12.3B | 11.4B | 15.2E | 96.7 | 204 | 274 | 187 | 92.5 | 42.4 | 18.0B | 16 |
| 17 | 13.3B | 12.3B | 12.2B | 11.3B | 15.6E | 100 | 199 | 276 | 172 | 84.1 | 41.2 | 17.5B | 17 |
| 18 | 13.5B | 12.2B | 12.2B | 11.2B | 16.0E | 111 | 201 | 276 | 174 | 81.9 | 43.8 | 16.8B | 18 |
| 19 | 13.8B | 12.0B | 12.4B | 11.0B | 16.4E | 114 | 203 | 278 | 171 | 81.4 | 39.0B | 16.2B | 19 |
| 20 | 13.9B | 12.0B | 12.5B | 11.1B | 17.5E | 114 | 208 | 278 | 166 | 72.2 | 36.5B | 15.5B | 20 |
| 21 | 13.0B | 12.6B | 12.6B | 11.0B | 18.0E | 114 | 211 | 277 | 164 | 71.3 | 35.0B | 15.3B | 21 |
| 22 | 12.5B | 12.5B | 12.4B | 11.0B | 19.0E | 117 | 214 | 276 | 163 | 68.5 | 34.5B | 15.1B | 22 |
| 23 | 12.4B | 12.0B | 12.1B | 11.1B | 20.0E | 120 | 220 | 275 | 152 | 65.7 | 33.5B | 15.0B | 23 |
| 24 | 12.4B | 11.9B | 12.0B | 11.2B | 21.3E | 124 | 221 | 271 | 153 | 68.7 | 33.0B | 14.8B | 24 |
| 25 | 12.5B | 11.8B | 11.9B | 11.3B | 23.0E | 127 | 225 | 271 | 152 | 64.0 | 32.0B | 14.8B | 25 |
| 26 | 12.4B | 11.6B | 11.7B | 11.3B | 24.0E | 133 | 229 | 266 | 149 | 59.9 | 31.0B | 14.9B | 26 |
| 27 | 12.3B | 11.5B | 11.5B | 11.2B | 26.0E | 140 | 233 | 266 | 142 | 65.1 | 29.5B | 15.0B | 27 |
| 28 | 12.6B | 11.9B | 11.5B | 11.3B | 28.0E | 155 | 239 | 265 | 146 | 65.3 | 29.5B | 15.0B | 28 |
| 29 | 12.9B | | 11.6B | 11.3B | 31.0E | 156 | 244 | 267 | 144 | 63.9 | 28.0B | 15.1B | 29 |
| 30 | 13.0B | | 11.6B | 11.5B | 33.1A | 173 | 251 | 264 | 132 | 58.5 | 27.0B | 15.0B | 30 |
| 31 | 13.2B | | 11.7B | | 37.1 | | 254 | 253 | | 61.7 | | 14.9B | 31 |
| TOTAL | 417.3 | 354.4 | 379.9 | 337.1 | 552.8 | 2 869.0 | 6 288 | 8 567 | 5 595 | 2 835.9 | 1 267.5 | 584.5 | TOTAL |
| MEAN | 13.5 | 12.7 | 12.3 | 11.2 | 17.8 | 95.6 | 203 | 276 | 187 | 91.5 | 42.3 | 18.9 | MEAN |
| MAX | 14.7 | 13.8 | 13.0 | 11.7 | 37.1 | 173 | 254 | 310 | 246 | 130 | 59.2 | 26.0 | MAX |
| MIN | 12.3 | 11.5 | 11.5 | 11.0 | 11.6 | 39.5 | 167 | 253 | 132 | 58.5 | 27.0 | 14.8 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 82.3
MAXIMUM DAILY, 310 ON AUG 7
MINIMUM DAILY, 11.0B ON APR 9
MAXIMUM INSTANTANEOUS,
323 AT 15:47 YST ON AUG 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 25 37 N
LONG 139 02 56 W
DRAINAGE AREA, 4 950 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 36 100 | JUL | 543 000 |
| FEB | 30 600 | AUG | 740 000 |
| MAR | 32 800 | SEP | 483 000 |
| APR | 29 100 | OCT | 245 000 |
| MAY | 47 800 | NOV | 110 000 |
| JUN | 248 000 | DEC | 50 500 |

TOTAL DISCHARGE, 2 600 000 dam³

YUKON TERRITORY

KUSAWA LAKE NEAR WHITEHORSE - STATION NO. 09AC005

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.943 | 0.778 | 0.680 | 0.633 | 0.574 | 0.794 | 2.583 | 2.494 | 2.252 | 1.810 | 1.439 | 1.100 | 1 |
| 2 | 0.940 | 0.775 | 0.681 | 0.628 | 0.574 | 0.852 | 2.606 | 2.517 | 2.247 | 1.810 | 1.437 | 1.081 | 2 |
| 3 | 0.935 | 0.778 | 0.680 | 0.620 | 0.577 | 0.910 | 2.623 | 2.534 | 2.234 | 1.804 | 1.433 | 1.074 | 3 |
| 4 | 0.933 | 0.781 | 0.683 | 0.622 | 0.577 | 0.972 | 2.615 | 2.549 | 2.216 | 1.791 | 1.431 | 1.077 | 4 |
| 5 | 0.931 | 0.784 | 0.683 | 0.621 | 0.574 | 1.046 | 2.612 | 2.557 | 2.208 | 1.757 | 1.406 | 1.066 | 5 |
| 6 | 0.930 | 0.791 | 0.684 | 0.623 | 0.580 | 1.092 | 2.603 | 2.553 | 2.185 | 1.751 | 1.381 | 1.055 | 6 |
| 7 | 0.914 | 0.780 | 0.685 | 0.623 | 0.587 | 1.163 | 2.594 | 2.547 | 2.187 | 1.758 | 1.361 | 1.054 | 7 |
| 8 | 0.895 | 0.779 | 0.685 | 0.620 | 0.589 | 1.237 | 2.619 | 2.539 | 2.154 | 1.744 | 1.367 | 1.062 | 8 |
| 9 | 0.897 | 0.780 | 0.690 | 0.621 | 0.592 | 1.339 | 2.626 | 2.533 | 2.139 | 1.719 | 1.355 | 1.045 | 9 |
| 10 | 0.900 | 0.779 | 0.685 | 0.616 | 0.598 | 1.451 | 2.634 | 2.515 | 2.120 | 1.719 | 1.327 | 1.029 | 10 |
| 11 | 0.895 | 0.763 | 0.684 | 0.613 | 0.605 | 1.556 | 2.635 | 2.501 | 2.095 | 1.713 | 1.311 | 1.020 | 11 |
| 12 | 0.891 | 0.756 | 0.682 | 0.607 | 0.601 | 1.659 | 2.614 | 2.485 | 2.075 | 1.700 | 1.301 | 1.020 | 12 |
| 13 | 0.890 | 0.746 | 0.681 | 0.607 | 0.604 | 1.752 | 2.586 | 2.478 | 2.074 | 1.710 | 1.314 | 1.020 | 13 |
| 14 | 0.884 | 0.743 | 0.681 | 0.609 | 0.611 | 1.843 | 2.573 | 2.473 | 2.053 | 1.668 | 1.290 | 1.008 | 14 |
| 15 | 0.871 | 0.741 | 0.677 | 0.610 | 0.616 | 1.910 | 2.570 | 2.474 | 2.043 | 1.652 | 1.268 | 1.000 | 15 |
| 16 | 0.871 | 0.740 | 0.674 | 0.609 | 0.623 | 1.951 | 2.558 | 2.469 | 2.023 | 1.652 | 1.228 | 0.994 | 16 |
| 17 | 0.866 | 0.741 | 0.676 | 0.605 | 0.629 | 1.977 | 2.549 | 2.446 | 1.998 | 1.640 | 1.203 | 0.988 | 17 |
| 18 | 0.858 | 0.742 | 0.678 | 0.601 | 0.640 | 2.002 | 2.512 | 2.420 | 1.996 | 1.630 | 1.193 | 0.980 | 18 |
| 19 | 0.858 | 0.742 | 0.676 | 0.602 | 0.652 | 2.041 | 2.501 | 2.408 | 1.984 | 1.635 | 1.187 | 0.971 | 19 |
| 20 | 0.852 | 0.733 | 0.676 | 0.602 | 0.661 | 2.118 | 2.506 | 2.392 | 1.969 | 1.602 | 1.185 | 0.967 | 20 |
| 21 | 0.834 | 0.724 | 0.675 | 0.599 | 0.667 | 2.168 | 2.513 | 2.371 | 1.960 | 1.571 | 1.174 | 0.958 | 21 |
| 22 | 0.824 | 0.723 | 0.674 | 0.596 | 0.673 | 2.198 | 2.517 | 2.358 | 1.945 | 1.560 | 1.167 | 0.954 | 22 |
| 23 | 0.820 | 0.714 | 0.663 | 0.593 | 0.680 | 2.215 | 2.512 | 2.342 | 1.913 | 1.540 | 1.154 | 0.946 | 23 |
| 24 | 0.823 | 0.706 | 0.657 | 0.592 | 0.691 | 2.234 | 2.501 | 2.324 | 1.891 | 1.535 | 1.138 | 0.937 | 24 |
| 25 | 0.819 | 0.703 | 0.653 | 0.592 | 0.697 | 2.261 | 2.504 | 2.307 | 1.879 | 1.522 | 1.126 | 0.930 | 25 |
| 26 | 0.809 | 0.700 | 0.648 | 0.583 | 0.705 | 2.307 | 2.494 | 2.287 | 1.878 | 1.495 | 1.132 | 0.927 | 26 |
| 27 | 0.805 | 0.695 | 0.649 | 0.583 | 0.712 | 2.365 | 2.490 | 2.283 | 1.845 | 1.482 | 1.128 | 0.929 | 27 |
| 28 | 0.803 | 0.684 | 0.645 | 0.581 | 0.721 | 2.440 | 2.496 | 2.294 | 1.831 | 1.484 | 1.135 | 0.932 | 28 |
| 29 | 0.806 | | 0.643 | 0.579 | 0.732 | 2.495 | 2.504 | 2.299 | 1.824 | 1.493 | 1.133 | 0.930 | 29 |
| 30 | 0.801 | | 0.638 | 0.577 | 0.741 | 2.551 | 2.515 | 2.293 | 1.818 | 1.457 | 1.114 | 0.927 | 30 |
| 31 | 0.776 | | 0.633 | | 0.759 | | 2.486 | 2.285 | | 1.441 | | 0.913 | 31 |
| MEAN | 0.867 | 0.746 | 0.671 | 0.606 | 0.640 | 1.763 | 2.556 | 2.430 | 2.035 | 1.640 | 1.261 | 0.997 | MEAN |
| MAX | 0.943 | 0.791 | 0.690 | 0.633 | 0.759 | 2.551 | 2.635 | 2.557 | 2.252 | 1.810 | 1.439 | 1.100 | MAX |
| MIN | 0.776 | 0.684 | 0.633 | 0.577 | 0.574 | 0.794 | 2.486 | 2.283 | 1.818 | 1.441 | 1.114 | 0.913 | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 1.355
MAXIMUM DAILY, 2.635 ON JUL 11
MINIMUM DAILY, 0.574 ON MAY 1
MAXIMUM INSTANTANEOUS,
2.650 AT 19:00 YST ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 35 16 N
LONG 136 08 38 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE LABERGE NEAR WHITEHORSE - STATION NO. 09AB010

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 6.346 | 6.262 | 6.403 | 7.582 | --- | --- | 8.073 | --- | 6.350 | 1 |
| 2 | --- | --- | --- | 6.340 | 6.259 | 6.418 | 7.632 | --- | --- | 8.059 | --- | 6.336 | 2 |
| 3 | --- | --- | 6.295 | 6.331 | 6.265 | 6.441 | 7.690 | --- | --- | 8.038 | --- | 6.316 | 3 |
| 4 | --- | 6.207A | 6.301 | 6.319 | 6.265 | 6.467 | 7.733 | --- | --- | 8.020 | --- | 6.303 | 4 |
| 5 | --- | 6.264 | 6.302 | 6.326 | 6.260 | 6.492 | 7.776 | --- | --- | 7.994 | --- | 6.291 | 5 |
| 6 | --- | 6.263 | 6.310 | 6.325 | 6.263 | 6.510 | 7.823 | --- | --- | 7.973 | --- | 6.285 | 6 |
| 7 | --- | 6.257 | 6.315 | 6.317 | 6.264 | 6.533 | 7.867 | --- | --- | 7.953 | --- | 6.282 | 7 |
| 8 | --- | 6.254 | 6.321 | 6.312 | 6.261 | 6.564 | 7.903 | --- | --- | 7.911 | --- | 6.279 | 8 |
| 9 | --- | 6.257 | 6.326 | 6.316 | 6.261 | 6.606 | 7.931 | --- | --- | 7.874 | --- | 6.279 | 9 |
| 10 | --- | 6.261 | 6.332 | 6.312 | 6.268 | 6.649 | 7.968 | --- | --- | 7.836 | --- | 6.274 | 10 |
| 11 | --- | 6.261 | 6.332 | 6.305 | 6.276 | 6.690 | 8.000 | --- | --- | 7.805 | --- | 6.279 | 11 |
| 12 | --- | 6.260 | 6.337 | 6.309 | 6.285 | 6.733 | 8.022 | --- | --- | 7.771 | 6.596A | 6.283 | 12 |
| 13 | --- | 6.259 | 6.337 | 6.306 | 6.287 | 6.780 | 8.054 | --- | --- | 7.730 | 6.571 | 6.286 | 13 |
| 14 | --- | 6.268 | 6.329 | 6.309 | 6.294 | 6.824 | 8.082 | --- | --- | 7.676 | 6.550 | 6.283 | 14 |
| 15 | --- | 6.269 | 6.328 | 6.307 | 6.307 | 6.864 | 8.099 | --- | --- | 7.602 | 6.534 | 6.276 | 15 |
| 16 | --- | 6.268 | 6.335 | 6.300 | 6.315 | 6.908 | 8.111 | --- | --- | 7.543 | 6.518 | 6.272 | 16 |
| 17 | --- | 6.273 | 6.340 | 6.293 | 6.328 | 6.952 | 8.126 | --- | --- | 7.514 | 6.500 | 6.266 | 17 |
| 18 | --- | 6.284 | 6.338 | 6.293 | 6.328 | 6.994 | 8.147 | --- | --- | 7.493 | 6.478 | 6.263 | 18 |
| 19 | --- | 6.287 | 6.338 | 6.289 | 6.342 | 7.031 | 8.167 | --- | --- | 7.477 | 6.456 | 6.258 | 19 |
| 20 | --- | 6.286 | 6.343 | 6.286 | 6.350 | 7.073 | 8.181 | --- | --- | 7.460 | 6.437 | 6.256 | 20 |
| 21 | --- | 6.289 | 6.339 | 6.289 | 6.348 | 7.119 | 8.186 | --- | --- | 7.431 | 6.424 | 6.254 | 21 |
| 22 | --- | 6.291 | 6.339 | 6.287 | 6.358 | 7.173 | 8.198 | --- | --- | 7.395 | 6.419 | 6.247 | 22 |
| 23 | --- | 6.296 | 6.340 | 6.282 | 6.363 | 7.218 | 8.198 | --- | --- | 7.364 | 6.408 | 6.244 | 23 |
| 24 | --- | --- | 6.344 | 6.277 | 6.362 | 7.265 | 8.207 | --- | --- | 7.330 | 6.403 | 6.241 | 24 |
| 25 | --- | --- | 6.346 | 6.272 | 6.360 | 7.307 | 8.217 | --- | --- | 7.305 | 6.400 | 6.236 | 25 |
| 26 | --- | --- | 6.349 | 6.268 | 6.362 | 7.353 | 8.221 | --- | --- | 7.262 | 6.399 | 6.241 | 26 |
| 27 | --- | --- | 6.348 | 6.268 | 6.365 | 7.401 | 8.238A | --- | --- | 7.210 | 6.392 | 6.243 | 27 |
| 28 | --- | --- | 6.345 | 6.266 | 6.363 | 7.446 | --- | --- | 8.118A | 7.161 | 6.389 | 6.242 | 28 |
| 29 | --- | | 6.344 | 6.267 | 6.373 | 7.483 | --- | --- | 8.096 | 7.114 | 6.383 | 6.237 | 29 |
| 30 | --- | | 6.349 | 6.264 | 6.378 | 7.537 | --- | --- | 8.084 | 7.085 | 6.368 | 6.232 | 30 |
| 31 | --- | | 6.347 | | 6.389 | | --- | --- | | 7.045A | | 6.229 | 31 |
| MEAN | --- | --- | --- | 6.299 | 6.315 | 6.908 | --- | --- | --- | 7.597 | --- | 6.270 | MEAN |
| MAX | --- | --- | --- | 6.346 | 6.389 | 7.537 | --- | --- | --- | 8.073 | --- | 6.350 | MAX |
| MIN | --- | --- | --- | 6.264 | 6.259 | 6.403 | --- | --- | --- | 7.045 | --- | 6.229 | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 05 25 N
LONG 135 11 57 W

A - MANUAL GAUGE

REGULATED SINCE 1925

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

## LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 132 B | 76.0B | 56.0B | 56.0B | 78.0B | 1 210 | 720 | 298E | 263 | 235 | 156B | 106 B | 1 |
| 2 | 130 B | 75.0B | 56.0B | 55.5B | 80.0B | 1 240 | 696 | 288E | 271 | 247 | 150B | 105 B | 2 |
| 3 | 126 B | 74.0B | 56.5B | 56.0B | 82.5B | 1 340 | 681 | 280E | 283 | 256 | 147B | 104 B | 3 |
| 4 | 123 B | 72.0B | 56.0B | 57.0B | 85.0B | 1 560 | 683 | 270E | 312 | 257 | 143B | 103 B | 4 |
| 5 | 122 B | 71.0B | 56.5B | 58.0B | 88.0B | 1 440 | 692 | 263E | 316 | 256 | 140B | 102 B | 5 |
| 6 | 122 B | 70.0B | 57.0B | 59.0B | 93.0B | 1 230 | 716 | 258E | 309 | 255 | 135B | 102 B | 6 |
| 7 | 120 B | 69.0B | 57.0B | 59.5B | 100 B | 1 100 | 710 | 252E | 303 | 256 | 134B | 101 B | 7 |
| 8 | 116 B | 68.0B | 57.5B | 60.0B | 110 B | 1 190 | 682 | 245E | 303 | 256 | 133B | 99.0B | 8 |
| 9 | 112 B | 67.0B | 57.5B | 60.5B | 125 B | 1 370 | 652 | 251E | 306 | 253 | 132B | 99.0B | 9 |
| 10 | 110 B | 65.5B | 57.5B | 61.0B | 140 B | 1 450A | 625 | 260E | 305 | 250 | 131B | 98.0B | 10 |
| 11 | 108 B | 64.0B | 58.0B | 60.5B | 160 B | 1 480 | 604 | 273E | 302 | 247 | 130B | 97.0B | 11 |
| 12 | 106 B | 63.0B | 58.0B | 60.3B | 180 B | 1 520 | 587 | 285E | 297 | 248 | 129B | 95.0B | 12 |
| 13 | 101 B | 62.0B | 58.0B | 60.0B | 205 B | 1 480 | 561 | 315E | 293 | 251 | 128B | 93.0B | 13 |
| 14 | 97.0B | 61.0B | 58.0B | 60.0B | 235 B | 1 420 | 533 | 360E | 288 | 253 | 126B | 92.0B | 14 |
| 15 | 95.0B | 60.5B | 58.5B | 59.8B | 275 B | 1 340 | 511 | 350E | 284 | 257 | 125B | 91.0B | 15 |
| 16 | 94.0B | 60.0B | 58.0B | 59.5B | 320 B | 1 280 | 497 | 340E | 279 | 252 | 123B | 90.0B | 16 |
| 17 | 93.0B | 59.5B | 57.0B | 60.0B | 375 | 1 180 | 484 | 310E | 274 | 237 | 120B | 89.0B | 17 |
| 18 | 92.0B | 59.0B | 57.5B | 60.3B | 437 | 1 090 | 470 | 286A | 269 | 217 | 118B | 88.0B | 18 |
| 19 | 90.0B | 58.0B | 58.0B | 61.0B | 597 | 1 030 | 459 | 289 | 268 | 216 | 116B | 87.0B | 19 |
| 20 | 89.0B | 57.5B | 58.0B | 62.0B | 700 | 1 020 | 462 | 289 | 259 | 229 | 115B | 85.0B | 20 |
| 21 | 87.0B | 57.0B | 58.5B | 63.0B | 715 | 1 050 | 463 | 281 | 255 | 233 | 113B | 84.0B | 21 |
| 22 | 86.0B | 57.0B | 59.0B | 63.6B | 689 | 1 010 | 443 | 273 | 251 | 231 | 112B | 84.0B | 22 |
| 23 | 84.0B | 57.5B | 59.0B | 64.2B | 643 | 933 | 423 | 267 | 246 | 229 | 110B | 83.0B | 23 |
| 24 | 83.0B | 56.0B | 59.0B | 65.0B | 612 | 874 | 402 | 262 | 242 | 224 | 110B | 82.0B | 24 |
| 25 | 82.0B | 55.5B | 58.5B | 66.2B | 581 | 839 | 388 | 260 | 240 | 216 | 109B | 82.0B | 25 |
| 26 | 81.0B | 55.0B | 58.5B | 68.0B | 563 | 819 | 374 | 258 | 241 | 205 | 110B | 81.0B | 26 |
| 27 | 80.0B | 55.0B | 58.0B | 69.5B | 562 | 795 | 361 | 263 | 240 | 197 | 111B | 80.5B | 27 |
| 28 | 79.0B | 56.0B | 58.0B | 71.0B | 606 | 779 | 347A | 267 | 237 | 195 | 109B | 81.5B | 28 |
| 29 | 78.0B | | 57.5B | 73.0B | 701 | 762 | 335E | 267 | 237 | 182 | 108B | 83.0B | 29 |
| 30 | 77.5B | | 57.0B | 76.0B | 863 | 749 | 322E | 266 | 236 | 170 | 107B | 83.5B | 30 |
| 31 | 77.0B | | 56.5B | | 1 190 | | 312E | 264 | | 162B | | 84.0B | 31 |
| TOTAL | 3 072.5 | 1 761.0 | 1 786.0 | 1 865.4 | 12 190.5 | 34 580 | 16 195 | 8 689 | 8 205 | 7 172 | 3 730 | 2 834.5 | TOTAL |
| MEAN | 99.1 | 62.9 | 57.6 | 62.2 | 393 | 1 150 | 522 | 280 | 274 | 231 | 124 | 91.4 | MEAN |
| MAX | 132 | 76.0 | 59.0 | 76.0 | 1 190 | 1 560 | 720 | 360 | 316 | 257 | 156 | 106 | MAX |
| MIN | 77.0 | 55.0 | 56.0 | 55.5 | 78.0 | 749 | 312 | 245 | 236 | 162 | 107 | 80.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 280
MAXIMUM DAILY, 1 560 ON JUN 4
MINIMUM DAILY, 55.0B ON FEB 26
MAXIMUM INSTANTANEOUS,
1 870 AT 04:35 YST ON JUN 5

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 03 00 N
LONG 128 54 00 W
DRAINAGE AREA, 33 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 265 000 | JUL | 1 400 000 |
| FEB | 152 000 | AUG | 751 000 |
| MAR | 154 000 | SEP | 709 000 |
| APR | 161 000 | OCT | 620 000 |
| MAY | 1 050 000 | NOV | 322 000 |
| JUN | 2 990 000 | DEC | 245 000 |

TOTAL DISCHARGE, 8 820 000 dam³

## M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.35B | 2.80B | 2.00B | 1.74B | 1.94B | 49.3 | 14.7 | 6.30 | 6.68 | 8.71 | 6.05B | 4.35B | 1 |
| 2 | 3.33B | 2.80B | 2.06B | 1.75B | 2.00B | 49.9 | 14.0 | 6.31 | 7.54 | 8.33 | 6.05B | 4.20B | 2 |
| 3 | 3.30B | 2.80B | 2.12B | 1.75B | 2.10B | 50.2 | 13.4 | 9.07 | 9.47 | 7.96 | 6.03B | 4.10B | 3 |
| 4 | 3.35B | 2.80B | 2.20B | 1.76B | 2.23B | 45.8 | 13.2 | 8.70 | 8.94 | 7.92 | 6.02B | 4.05B | 4 |
| 5 | 3.35B | 2.80B | 2.22B | 1.76B | 2.60B | 38.2 | 12.8 | 8.54 | 8.17 | 8.01 | 6.00B | 4.03B | 5 |
| 6 | 3.30B | 2.85B | 2.25B | 1.76B | 2.90B | 37.3 | 12.2 | 9.57 | 7.82 | 8.03 | 5.90B | 4.02B | 6 |
| 7 | 3.15B | 2.90B | 2.22B | 1.75B | 3.30B | 42.6 | 11.7 | 9.28 | 8.04 | 8.15 | 5.80B | 4.00B | 7 |
| 8 | 3.05B | 2.85B | 2.20B | 1.73B | 3.90B | 51.3 | 11.7 | 9.04 | 8.01 | 8.01 | 5.65B | 4.00B | 8 |
| 9 | 3.00B | 2.80B | 2.22B | 1.71B | 4.60B | 52.8 | 11.2 | 8.34 | 7.72 | 7.87 | 5.60B | 4.03B | 9 |
| 10 | 3.05B | 2.70B | 2.25B | 1.70B | 6.00B | 49.7 | 10.8 | 7.94 | 7.62 | 7.93 | 5.67B | 4.02B | 10 |
| 11 | 3.10B | 2.60B | 2.20B | 1.70B | 7.40B | 47.2 | 11.0 | 7.62 | 7.51 | 7.96 | 5.70B | 4.00B | 11 |
| 12 | 3.15B | 2.40B | 2.15B | 1.70B | 8.60B | 43.7 | 10.4 | 7.49 | 7.38 | 7.87 | 5.65B | 4.00B | 12 |
| 13 | 3.20B | 2.35B | 2.00B | 1.70B | 9.60B | 41.7 | 9.82 | 8.07 | 7.21 | 7.76 | 5.60B | 4.00B | 13 |
| 14 | 3.15B | 2.40B | 1.95B | 1.69B | 10.1 | 36.3 | 9.56 | 7.43 | 7.07 | 7.76 | 5.55B | 3.95B | 14 |
| 15 | 3.05B | 2.40B | 1.95B | 1.69B | 8.71 | 32.5 | 9.24 | 7.05 | 6.93 | 7.37 | 5.50B | 3.90B | 15 |
| 16 | 2.95B | 2.45B | 2.00B | 1.69B | 8.48 | 29.1 | 9.34 | 6.81 | 6.82 | 7.20B | 5.35B | 3.75B | 16 |
| 17 | 2.95B | 2.48B | 2.00B | 1.69B | 9.65 | 26.9 | 9.14 | 6.57 | 6.75 | 7.12B | 5.20B | 3.60B | 17 |
| 18 | 2.95B | 2.40B | 2.02B | 1.68B | 11.6 | 25.1 | 8.97 | 6.51 | 6.66 | 7.05B | 5.00B | 3.50B | 18 |
| 19 | 2.85B | 2.35B | 2.05B | 1.68B | 14.2 | 25.2 | 8.96 | 6.73 | 6.59 | 7.00B | 4.90B | 3.45B | 19 |
| 20 | 2.80B | 2.30B | 2.03B | 1.68B | 15.8 | 24.9 | 9.33 | 6.46 | 6.55 | 6.95B | 4.80B | 3.40B | 20 |
| 21 | 2.80B | 2.25B | 2.00B | 1.67B | 16.3 | 22.6 | 8.90 | 6.23 | 6.47 | 6.90B | 4.90B | 3.37B | 21 |
| 22 | 2.80B | 2.20B | 1.95B | 1.68B | 15.4 | 20.8 | 8.20 | 6.10 | 6.40 | 6.90B | 4.92B | 3.35B | 22 |
| 23 | 2.80B | 2.20B | 1.90B | 1.69B | 15.5 | 19.6 | 7.76 | 6.11 | 6.44 | 6.95B | 4.96B | 3.30B | 23 |
| 24 | 2.75B | 2.20B | 1.85B | 1.70B | 14.8 | 18.7 | 7.44 | 6.12 | 7.25 | 6.90B | 5.00B | 3.35B | 24 |
| 25 | 2.70B | 2.15B | 1.83B | 1.71B | 14.8 | 18.1 | 7.21 | 6.10 | 7.52 | 6.80B | 4.95B | 3.30B | 25 |
| 26 | 2.70B | 2.10B | 1.80B | 1.72B | 15.8 | 17.8 | 6.93 | 6.44 | 7.07 | 6.70B | 4.90B | 3.33B | 26 |
| 27 | 2.65B | 2.05B | 1.75B | 1.74B | 18.9 | 17.2 | 6.61 | 7.73 | 6.94 | 6.60B | 4.80B | 3.35B | 27 |
| 28 | 2.60B | 2.02B | 1.75B | 1.78B | 24.5 | 16.5 | 6.38 | 7.02 | 6.84 | 6.65B | 4.70B | 3.30B | 28 |
| 29 | 2.65B | | 1.75B | 1.82B | 31.5 | 16.0 | 6.20 | 6.88 | 6.89 | 6.35B | 4.60B | 3.40B | 29 |
| 30 | 2.70B | | 1.75B | 1.89B | 36.9 | 15.5 | 6.16 | 6.73 | 7.25 | 6.20B | 4.50B | 3.40B | 30 |
| 31 | 2.75B | | 1.74B | | 40.2 | | 6.16 | 6.93 | | 6.10B | | 3.37B | 31 |
| TOTAL | 92.28 | 69.40 | 62.16 | 51.71 | 380.31 | 982.5 | 299.41 | 228.14 | 218.55 | 227.81 | 160.25 | 115.23 | TOTAL |
| MEAN | 2.98 | 2.48 | 2.01 | 1.72 | 12.3 | 32.8 | 9.66 | 7.36 | 7.29 | 7.35 | 5.34 | 3.72 | MEAN |
| MAX | 3.35 | 2.90 | 2.25 | 1.89 | 40.2 | 52.8 | 14.7 | 9.57 | 9.47 | 8.71 | 6.05 | 4.35 | MAX |
| MIN | 2.60 | 2.02 | 1.74 | 1.67 | 1.94 | 15.5 | 6.16 | 6.10 | 6.40 | 6.10 | 4.50 | 3.30 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.91
MAXIMUM DAILY, 52.8 ON JUN 9
MINIMUM DAILY, 1.67B ON APR 21
MAXIMUM INSTANTANEOUS,
56.6 AT 18:43 YST ON JUN 8

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 45 N
LONG 134 27 27 W
DRAINAGE AREA, 1 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 970 | JUL | 25 900 |
| FEB | 6 000 | AUG | 19 700 |
| MAR | 5 370 | SEP | 18 900 |
| APR | 4 470 | OCT | 19 700 |
| MAY | 32 900 | NOV | 13 800 |
| JUN | 84 900 | DEC | 9 960 |

TOTAL DISCHARGE, 250 000 dam³

YUKON TERRITORY

MARSH LAKE NEAR WHITEHORSE - STATION NO. 09AB004

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.552E | 2.345 | 2.005 | 1.456 | 0.946E | 0.629 | 2.001 | 2.644 | 2.816 | 2.522 | 2.633 | 2.649 | 1 |
| 2 | 2.540E | 2.343 | 1.989 | 1.438 | 0.930E | 0.656 | 2.045 | 2.658 | 2.801 | 2.522 | 2.644 | 2.646 | 2 |
| 3 | 2.525E | 2.341 | 1.981 | 1.417 | 0.912E | 0.714 | 2.083 | 2.675 | 2.802 | 2.523 | 2.656 | 2.638 | 3 |
| 4 | 2.512E | 2.334 | 1.962 | 1.394 | 0.895A | 0.776 | 2.119 | 2.702 | 2.803 | 2.518 | 2.669 | 2.633 | 4 |
| 5 | 2.502A | 2.324 | 1.955 | 1.386 | 0.877 | 0.805 | 2.150 | 2.728 | 2.801 | 2.514 | 2.679 | 2.627 | 5 |
| 6 | 2.481 | 2.321 | 1.938 | 1.368 | 0.866 | 0.831 | 2.176 | 2.731 | 2.797 | 2.500 | 2.672 | 2.624 | 6 |
| 7 | 2.475 | 2.315 | 1.931 | 1.357 | 0.859 | 0.869 | 2.192 | 2.729 | 2.799 | 2.505 | 2.671 | 2.627 | 7 |
| 8 | 2.465 | 2.302 | 1.921 | 1.341 | 0.847 | 0.912 | 2.232 | 2.737 | 2.792 | 2.512 | 2.678 | 2.633 | 8 |
| 9 | 2.462 | 2.286 | 1.906 | 1.321 | 0.827 | 0.947 | 2.257 | 2.749 | 2.774 | 2.529 | 2.697 | 2.627 | 9 |
| 10 | 2.466 | 2.266 | 1.898 | 1.300 | 0.812 | 0.994 | 2.289 | 2.753 | 2.764 | 2.535 | 2.674 | 2.617 | 10 |
| 11 | 2.468 | 2.251 | 1.875 | 1.272 | 0.805 | 1.046 | 2.316 | 2.756 | 2.744 | 2.539 | 2.671 | 2.615 | 11 |
| 12 | 2.469 | 2.240 | 1.847 | 1.250 | 0.798 | 1.097 | 2.341 | 2.759 | 2.731 | 2.549 | 2.670 | 2.613 | 12 |
| 13 | 2.468 | 2.219 | 1.824 | 1.233A | 0.777 | 1.154 | 2.349 | 2.755 | 2.724 | 2.580 | 2.685 | 2.610 | 13 |
| 14 | 2.462 | 2.216 | 1.815 | 1.216 | 0.756 | 1.222 | 2.359 | 2.755 | 2.725 | 2.622 | 2.697 | 2.602 | 14 |
| 15 | 2.458 | 2.215 | 1.803 | 1.202 | 0.724 | 1.285 | 2.391 | 2.775 | 2.709 | 2.618 | 2.690 | 2.597 | 15 |
| 16 | 2.456 | 2.205 | 1.786 | 1.187 | 0.697 | 1.341 | 2.414 | 2.786 | 2.696 | 2.580 | 2.678 | 2.586 | 16 |
| 17 | 2.451 | 2.194 | 1.768 | 1.166 | 0.670 | 1.386 | 2.432 | 2.784 | 2.681 | 2.579 | 2.670 | 2.570 | 17 |
| 18 | 2.446 | 2.175 | 1.764 | 1.156 | 0.653 | 1.429 | 2.442 | 2.785 | 2.667 | 2.576 | 2.667 | 2.569 | 18 |
| 19 | 2.431 | 2.165 | 1.741 | 1.147 | 0.646 | 1.465 | 2.447 | 2.789 | 2.656 | 2.575 | 2.659 | 2.562 | 19 |
| 20 | 2.423 | 2.143 | 1.720 | 1.125 | 0.643 | 1.513 | 2.454 | 2.778 | 2.645 | 2.582 | 2.650 | 2.558 | 20 |
| 21 | 2.409 | 2.118 | 1.708 | 1.117 | 0.632 | 1.558 | 2.462 | 2.770 | 2.637 | 2.582 | 2.643 | 2.548 | 21 |
| 22 | 2.398 | 2.106 | 1.688 | 1.092 | 0.621 | 1.605 | 2.477 | 2.774 | 2.636 | 2.579 | 2.640 | 2.543 | 22 |
| 23 | 2.390 | 2.089 | 1.658 | 1.068 | 0.618 | 1.638 | 2.499 | 2.777 | 2.628 | 2.578 | 2.640 | 2.541 | 23 |
| 24 | 2.382 | 2.076 | 1.631 | 1.054 | 0.607 | 1.674 | 2.508 | 2.774 | 2.597 | 2.577 | 2.640 | 2.532 | 24 |
| 25 | 2.382 | 2.064 | 1.602 | 1.036 | 0.601 | 1.707 | 2.513 | 2.776 | 2.579 | 2.595 | 2.640 | 2.528 | 25 |
| 26 | 2.372 | 2.047 | 1.594 | 1.016 | 0.590 | 1.740 | 2.529 | 2.782 | 2.569 | 2.595 | 2.643 | 2.513 | 26 |
| 27 | 2.356 | 2.030 | 1.564 | 0.997 | 0.585 | 1.786 | 2.534 | 2.777 | 2.553 | 2.572 | 2.645 | 2.503 | 27 |
| 28 | 2.360 | 2.021 | 1.548 | 0.983 | 0.584 | 1.846 | 2.552 | 2.778 | 2.534 | 2.586 | 2.645 | 2.507 | 28 |
| 29 | 2.362 | | 1.518 | 0.964A | 0.576 | 1.891 | 2.575 | 2.795 | 2.520 | 2.638 | 2.648 | 2.509 | 29 |
| 30 | 2.363 | | 1.499 | 0.960E | 0.584 | 1.949 | 2.614 | 2.814 | 2.523 | 2.645 | 2.645 | 2.501 | 30 |
| 31 | 2.355 | | 1.474 | | 0.605 | | 2.634 | 2.820 | | 2.632 | | 2.493 | 31 |
| MEAN | 2.440 | 2.205 | 1.771 | 1.201 | 0.727 | 1.282 | 2.367 | 2.757 | 2.690 | 2.566 | 2.661 | 2.578 | MEAN |
| MAX | 2.552 | 2.345 | 2.005 | 1.456 | 0.946 | 1.949 | 2.634 | 2.820 | 2.816 | 2.645 | 2.697 | 2.649 | MAX |
| MIN | 2.355 | 2.021 | 1.474 | 0.960 | 0.576 | 0.629 | 2.001 | 2.644 | 2.520 | 2.500 | 2.633 | 2.493 | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 2.105
MAXIMUM DAILY, 2.820 ON AUG 31
MINIMUM DAILY, 0.576 ON MAY 29
MAXIMUM INSTANTANEOUS,
2.823 AT 23:59 YST ON AUG 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 31 50 N
LONG 134 21 55 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1925

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653.357 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ.)

MAYO LAKE NEAR THE OUTLET - STATION NO. 09DC005

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.820 | 2.498E | 2.212 | 1.879 | 1.487 | 2.260 | 3.000 | 3.320A | 2.920E | 2.892 | 2.877 | 2.676 | 1 |
| 2 | 2.810 | 2.490E | 2.199 | 1.870 | 1.481 | 2.332 | 2.987 | 3.320E | 2.917E | 2.902 | 2.891 | 2.673 | 2 |
| 3 | 2.800 | 2.480E | 2.187 | 1.842 | 1.472 | 2.403 | 2.979 | 3.320E | 2.913A | 2.896 | 2.888 | 2.667 | 3 |
| 4 | 2.790 | 2.470E | 2.182 | 1.825 | 1.465 | 2.488 | 2.973 | 3.320E | 2.915 | 2.893 | 2.883 | 2.658 | 4 |
| 5 | 2.772 | 2.460E | 2.175 | 1.814 | 1.454 | 2.560 | 2.966 | 3.320A | 2.900 | 2.905 | 2.865 | 2.655 | 5 |
| 6 | 2.760 | 2.448 | 2.163 | 1.799 | 1.448 | 2.618 | 2.957 | 3.310E | 2.892 | 2.906 | 2.854 | 2.646 | 6 |
| 7 | 2.740 | 2.438 | 2.160 | 1.781 | 1.447 | 2.659 | 2.952 | 3.300E | 2.870 | 2.914 | 2.842 | 2.644 | 7 |
| 8 | 2.732 | 2.432 | 2.149 | 1.768 | 1.442 | 2.714 | 2.950 | 3.290E | 2.847 | 2.911 | 2.839 | 2.636 | 8 |
| 9 | 2.720 | 2.427 | 2.134 | 1.759 | 1.437 | 2.766 | 2.938 | 3.270E | 2.837 | 2.914 | 2.819 | 2.624 | 9 |
| 10 | 2.700 | 2.414 | 2.123 | 1.740 | 1.440 | 2.812 | 2.930 | 3.255E | 2.843 | 2.916 | 2.814 | 2.619 | 10 |
| 11 | 2.690 | 2.401 | 2.106 | 1.729 | 1.450 | 2.857 | 2.923 | 3.240E | 2.845 | 2.913 | 2.829 | 2.613 | 11 |
| 12 | 2.680 | 2.386 | 2.090 | 1.713 | 1.468 | 2.899 | 2.919 | 3.224A | 2.850 | 2.921 | 2.819 | 2.614 | 12 |
| 13 | 2.660 | 2.373 | 2.080 | 1.699 | 1.487 | 2.927 | 2.914 | 3.220E | 2.863 | 2.917 | 2.814 | 2.608 | 13 |
| 14 | 2.648 | 2.360 | 2.073 | 1.681 | 1.500 | 2.958 | 2.908 | 3.222E | 2.855 | 2.906 | 2.795 | 2.607 | 14 |
| 15 | 2.644E | 2.352 | 2.062 | 1.672 | 1.509 | 2.972 | 2.910 | 3.230E | 2.855 | 2.897 | 2.783 | 2.596 | 15 |
| 16 | 2.635E | 2.345 | 2.051 | 1.655 | 1.529 | 2.982 | 2.918 | 3.240E | 2.860 | 2.902 | 2.778 | 2.588 | 16 |
| 17 | 2.625E | 2.337 | 2.038 | 1.643 | 1.550 | 2.986 | 2.926 | 3.245E | 2.852 | 2.900 | 2.767 | 2.564 | 17 |
| 18 | 2.612E | 2.329 | 2.032 | 1.630 | 1.572 | 2.992 | 2.975 | 3.250E | 2.858 | 2.888 | 2.757 | 2.565 | 18 |
| 19 | 2.602E | 2.320 | 2.020 | 1.614 | 1.618 | 3.003 | 3.017 | 3.256A | 2.858 | 2.886 | 2.754 | 2.559 | 19 |
| 20 | 2.590E | 2.306 | 2.005 | 1.598 | 1.665 | 3.015 | 3.044 | 3.220E | 2.860 | 2.878 | 2.744 | 2.550 | 20 |
| 21 | 2.580E | 2.293 | 1.993 | 1.583 | 1.709 | 3.013 | 3.062 | 3.180E | 2.860 | 2.879 | 2.740 | 2.553 | 21 |
| 22 | 2.574E | 2.285 | 1.984 | 1.563 | 1.744 | 3.014 | 3.065 | 3.130E | 2.860 | 2.890 | 2.734 | 2.552 | 22 |
| 23 | 2.568E | 2.274 | 1.974 | 1.554 | 1.773 | 3.013 | 3.078 | 3.090E | 2.862 | 2.875 | 2.726 | 2.551 | 23 |
| 24 | 2.560E | 2.267 | 1.966 | 1.548 | 1.805 | 3.015 | 3.091 | 3.040E | 2.859 | 2.880 | 2.717 | 2.537 | 24 |
| 25 | 2.550E | 2.257 | 1.957 | 1.540 | 1.834 | 3.019 | 3.096 | 2.995E | 2.866 | 2.883 | 2.711 | 2.529 | 25 |
| 26 | 2.540E | 2.246 | 1.944 | 1.524 | 1.878 | 3.021 | 3.102 | 2.936A | 2.876 | 2.890 | 2.710 | 2.520 | 26 |
| 27 | 2.530E | 2.233 | 1.931 | 1.516 | 1.929 | 3.019 | 3.101 | 2.935E | 2.865 | 2.886 | 2.702 | 2.509 | 27 |
| 28 | 2.523E | 2.223 | 1.917 | 1.511 | 1.992 | 3.021 | 3.102 | 2.933E | 2.872 | 2.891 | 2.696 | 2.503 | 28 |
| 29 | 2.519E | | 1.908 | 1.505 | 2.039 | 3.008 | 3.110A | 2.929E | 2.885 | 2.890 | 2.686 | 2.502 | 29 |
| 30 | 2.511E | | 1.896 | 1.495 | 2.103 | 3.004 | 3.100E | 2.926E | 2.890 | 2.884 | 2.681 | 2.495 | 30 |
| 31 | 2.503E | | 1.889 | | 2.176 | | 3.280E | 2.923E | | 2.876 | | 2.483 | 31 |
| MEAN | 2.645 | 2.362 | 2.052 | 1.668 | 1.642 | 2.845 | 3.011 | 3.174 | 2.870 | 2.896 | 2.784 | 2.583 | MEAN |
| MAX | 2.820 | 2.498 | 2.212 | 1.879 | 2.176 | 3.021 | 3.280 | 3.320 | 2.920 | 2.921 | 2.891 | 2.676 | MAX |
| MIN | 2.503 | 2.223 | 1.889 | 1.495 | 1.437 | 2.260 | 2.908 | 2.923 | 2.837 | 2.875 | 2.681 | 2.483 | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 2.546
MAXIMUM DAILY, 3.320A ON AUG 1
MINIMUM DAILY, 1.437 ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 46 24 N
LONG 135 23 17 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1952

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

## MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09DD004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.01B | 6.58B | 5.35B | 5.22B | 6.55B | 210 | 50.9 | 37.1 | 21.6 | 24.9 | 14.9B | 9.90B | 1 |
| 2 | 7.01B | 6.74B | 5.38B | 5.35B | 6.75B | 207 | 47.6 | 39.9 | 22.6 | 23.7 | 14.8B | 9.80B | 2 |
| 3 | 7.05B | 6.77B | 5.42B | 5.40B | 7.00B | 213 | 44.7 | 39.5 | 22.6 | 21.8 | 14.7B | 9.40B | 3 |
| 4 | 7.25B | 6.79B | 5.58B | 5.35B | 7.23B | 215 | 43.4 | 38.2 | 22.3 | 20.0 | 14.0B | 9.20B | 4 |
| 5 | 7.28B | 6.80B | 5.63B | 5.35B | 7.80B | 180 | 41.8 | 37.9 | 22.0 | 19.7 | 13.5B | 9.10B | 5 |
| 6 | 7.04B | 6.88B | 5.70B | 5.35B | 9.00B | 156 | 41.0 | 37.2 | 22.1 | 20.9 | 13.0B | 9.30B | 6 |
| 7 | 6.80B | 7.00B | 5.69B | 5.40B | 10.0 B | 175 | 41.1 | 35.8 | 22.0 | 20.6 | 12.7B | 9.40B | 7 |
| 8 | 6.80B | 7.03B | 5.75B | 5.43B | 11.5 B | 204 | 39.6 | 33.9 | 22.1 | 20.2 | 12.7B | 9.50B | 8 |
| 9 | 6.85B | 7.00B | 5.80B | 5.45B | 15.0 B | 212 | 39.5 | 32.5 | 22.2 | 19.8 | 12.7B | 9.60B | 9 |
| 10 | 7.02B | 6.80B | 5.90B | 5.45B | 18.0 B | 191 | 39.1 | 31.3 | 22.8 | 19.4 | 12.8B | 9.70B | 10 |
| 11 | 7.30B | 6.60B | 5.80B | 5.47B | 30.0 B | 170 | 39.9 | 30.8 | 23.0 | 19.4 | 12.9B | 9.80B | 11 |
| 12 | 7.45B | 6.25B | 5.65B | 5.52B | 46.0 B | 159 | 54.3 | 29.8 | 22.9 | 19.2 | 12.7B | 9.70B | 12 |
| 13 | 7.55B | 6.10B | 5.56B | 5.60B | 64.0 B | 141 | 82.0 | 28.6 | 22.6 | 19.1 | 12.6B | 9.70B | 13 |
| 14 | 7.25B | 6.02B | 5.51B | 5.67B | 74.2 B | 121 | 65.9 | 27.8 | 22.3 | 19.0 | 12.0B | 9.70B | 14 |
| 15 | 7.08B | 5.98B | 5.50B | 5.66B | 84.0 B | 105 | 54.9 | 27.1 | 21.8 | 19.0B | 11.5B | 9.40B | 15 |
| 16 | 6.88B | 5.84B | 5.52B | 5.70B | 59.9 | 111 | 51.3 | 25.9 | 21.7 | 18.3B | 10.9B | 9.30B | 16 |
| 17 | 6.63B | 5.80B | 5.55B | 5.74B | 60.5 | 112 | 53.5 | 25.1 | 21.3 | 17.8B | 10.3B | 9.10B | 17 |
| 18 | 6.59B | 5.80B | 5.59B | 5.80B | 75.5 | 96.4 | 70.3 | 24.8 | 21.0 | 17.8B | 10.2B | 9.00B | 18 |
| 19 | 6.58B | 5.69B | 5.60B | 5.81B | 143 | 89.1 | 113 | 24.9 | 20.9 | 17.8B | 10.1B | 8.80B | 19 |
| 20 | 6.42B | 5.60B | 5.60B | 5.83B | 164 | 96.9 | 93.3 | 24.3 | 20.8 | 17.8B | 10.1B | 8.80B | 20 |
| 21 | 6.30B | 5.55B | 5.61B | 5.90B | 156 | 108 | 74.5 | 23.6 | 20.9 | 17.1B | 10.0B | 8.70B | 21 |
| 22 | 6.20B | 5.53B | 5.65B | 5.97B | 142 | 93.2 | 63.1 | 23.2 | 20.9 | 16.6B | 10.0B | 8.70B | 22 |
| 23 | 6.02B | 5.52B | 5.72B | 6.00B | 132 | 87.1 | 55.9 | 22.9 | 20.9 | 16.2B | 10.3B | 8.70B | 23 |
| 24 | 6.01B | 5.51B | 5.70B | 6.01B | 130 | 79.0 | 52.5 | 22.6 | 21.6 | 16.0B | 10.4B | 8.80B | 24 |
| 25 | 6.00B | 5.48B | 5.62B | 6.05B | 149 | 71.4 | 49.1 | 22.5 | 22.6 | 15.5B | 10.4B | 8.90B | 25 |
| 26 | 6.00B | 5.20B | 5.58B | 6.06B | 178 | 66.3 | 45.5 | 21.8 | 24.4 | 15.0B | 10.5B | 8.90B | 26 |
| 27 | 6.00B | 5.20B | 5.50B | 6.10B | 197 | 63.2 | 43.6 | 21.5 | 24.0 | 14.4B | 10.7B | 8.90B | 27 |
| 28 | 6.20B | 5.20B | 5.40B | 6.20B | 215 | 59.9 | 41.4 | 21.3 | 23.8 | 14.3B | 10.8B | 9.00B | 28 |
| 29 | 6.26B | | 5.22B | 6.30B | 231 | 56.6 | 39.3 | 20.9 | 23.6 | 14.5B | 10.6B | 9.10B | 29 |
| 30 | 6.38B | | 5.19B | 6.42B | 237 | 54.0 | 37.7 | 20.8 | 24.2 | 14.6B | 10.1B | 9.10B | 30 |
| 31 | 6.42B | | 5.20B | | 220 | | 36.5 | 21.3 | | 14.8B | | 9.20B | 31 |
| TOTAL | 207.63 | 171.25 | 172.47 | 171.50 | 2 882.93 | 3 899.1 | 1 646.2 | 874.8 | 667.5 | 565.2 | 352.9 | 286.20 | TOTAL |
| MEAN | 6.70 | 6.12 | 5.56 | 5.72 | 93.0 | 130 | 53.1 | 28.2 | 22.3 | 18.2 | 11.8 | 9.23 | MEAN |
| MAX | 7.55 | 7.03 | 5.90 | 6.42 | 237 | 215 | 113 | 39.9 | 24.4 | 24.9 | 14.9 | 9.90 | MAX |
| MIN | 6.00 | 5.20 | 5.19 | 5.22 | 6.55 | 54.0 | 36.5 | 20.8 | 20.8 | 14.3 | 10.0 | 8.70 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.6
MAXIMUM DAILY, 237 ON MAY 30
MINIMUM DAILY, 5.19B ON MAR 30
MAXIMUM INSTANTANEOUS,
242 AT 04:45 YST ON MAY 30

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 36 40 N
LONG 137 16 10 W
DRAINAGE AREA, 2 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 17 900 | JUL | 142 000 |
| FEB | 14 800 | AUG | 75 600 |
| MAR | 14 900 | SEP | 57 700 |
| APR | 14 800 | OCT | 48 800 |
| MAY | 249 000 | NOV | 30 500 |
| JUN | 337 000 | DEC | 24 700 |

TOTAL DISCHARGE, 1 030 000 dam³

## NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AD001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19.9B | 14.4B | 11.4B | 10.0 B | 11.1B | 293 | 155 | 62.2 | 47.4 | 49.9 | 41.0B | 28.0B | 1 |
| 2 | 19.9B | 14.6B | 11.3B | 10.1 B | 11.6B | 315 | 144 | 60.8 | 51.1 | 57.9 | 41.5B | 27.7B | 2 |
| 3 | 20.0B | 14.7B | 11.4B | 10.2 B | 12.1B | 333 | 142 | 61.5 | 58.0 | 65.8 | 40.8B | 27.9B | 3 |
| 4 | 20.0B | 14.8B | 11.5B | 10.1 B | 12.8B | 375 | 139 | 63.3 | 65.9 | 64.9 | 40.0B | 28.1B | 4 |
| 5 | 20.2B | 14.7B | 11.6B | 10.0 B | 13.5B | 344 | 140 | 62.9 | 67.2 | 63.3 | 39.0B | 28.5B | 5 |
| 6 | 20.0B | 14.6B | 11.7B | 9.90B | 14.5B | 294 | 143 | 61.2 | 61.4 | 62.6 | 38.0B | 28.6B | 6 |
| 7 | 19.3B | 14.5B | 11.8B | 9.85B | 15.6B | 278 | 147 | 62.4 | 58.7 | 62.3 | 37.7B | 28.7B | 7 |
| 8 | 19.0B | 14.3B | 11.9B | 9.90B | 17.0B | 320 | 137 | 63.3 | 58.0 | 61.8 | 38.0B | 28.5B | 8 |
| 9 | 18.9B | 14.1B | 11.8B | 10.0 B | 19.0B | 414 | 129 | 60.8 | 59.0 | 61.7 | 37.0B | 28.2B | 9 |
| 10 | 18.8B | 13.7B | 11.7B | 10.1 B | 22.0B | 481 | 126 | 57.6 | 57.7 | 61.2 | 36.0B | 27.9B | 10 |
| 11 | 18.8B | 13.5B | 11.6B | 10.0 B | 25.0B | 500 | 122 | 55.4 | 55.4 | 61.6 | 36.0B | 27.2B | 11 |
| 12 | 18.7B | 13.3B | 11.5B | 9.95B | 28.0B | 497 | 120 | 54.6 | 53.8 | 64.8 | 35.5B | 26.3B | 12 |
| 13 | 18.5B | 13.0B | 11.3B | 9.90B | 31.5B | 468 | 117 | 55.7 | 52.1 | 65.8 | 35.3B | 25.7B | 13 |
| 14 | 18.0B | 12.9B | 11.1B | 9.80B | 37.0B | 419 | 109 | 56.3 | 50.4 | 65.4 | 35.0B | 24.4B | 14 |
| 15 | 17.4B | 12.8B | 10.9B | 9.75B | 43.0B | 358 | 102 | 54.2 | 48.4 | 65.6 | 34.0B | 23.8B | 15 |
| 16 | 16.9B | 12.8B | 10.8B | 9.80B | 50.0B | 304 | 98.6 | 50.7 | 46.7 | 62.8 | 33.3B | 23.0B | 16 |
| 17 | 16.7B | 12.8B | 10.7B | 9.90B | 61.0B | 256 | 97.8 | 48.3 | 45.1 | 59.9 | 33.0B | 22.8B | 17 |
| 18 | 16.6B | 12.7B | 10.8B | 10.0 B | 70.0B | 222 | 97.9 | 46.0 | 43.5 | 62.1 | 32.8B | 23.1B | 18 |
| 19 | 16.5B | 12.6B | 10.9B | 10.1 B | 90.0B | 207 | 95.5 | 44.5 | 42.7 | 59.9 | 32.8B | 22.9B | 19 |
| 20 | 16.5B | 12.4B | 11.0B | 10.0 B | 141 A | 218 | 97.7 | 43.6 | 41.7 | 47.9 | 33.0B | 22.5B | 20 |
| 21 | 16.3B | 12.3B | 11.1B | 10.0 B | 153 | 247 | 104 | 42.7 | 40.9 | 55.2 | 33.0B | 22.3B | 21 |
| 22 | 16.0B | 12.3B | 11.0B | 10.0 B | 155 | 229 | 99.6 | 41.5 | 40.4 | 56.5 | 33.3B | 22.1B | 22 |
| 23 | 15.9B | 12.2B | 10.8B | 10.1 B | 150 | 196 | 92.5 | 40.3 | 39.9 | 53.3 | 33.0B | 22.0B | 23 |
| 24 | 14.9B | 12.2B | 10.7B | 10.1 B | 137 | 178 | 87.2 | 39.3 | 41.3 | 49.2 | 32.7B | 22.1B | 24 |
| 25 | 14.6B | 12.1B | 10.6B | 10.2 B | 123 | 170 | 82.9 | 38.4 | 46.4 | 48.5B | 32.5B | 22.5B | 25 |
| 26 | 14.3B | 11.9B | 10.5B | 10.2 B | 115 | 170 | 79.1 | 39.7 | 52.0 | 47.8B | 32.3B | 22.8B | 26 |
| 27 | 14.1B | 11.7B | 10.4B | 10.3 B | 118 | 169 | 75.7 | 42.6 | 52.3 | 46.5B | 31.8B | 22.9B | 27 |
| 28 | 14.0B | 11.6B | 10.2B | 10.4 B | 139 | 167 | 72.3 | 47.1 | 49.7 | 44.4B | 31.0B | 22.8B | 28 |
| 29 | 14.1B | | 10.1B | 10.6 B | 179 | 165 | 69.3 | 48.6 | 47.9 | 42.0B | 30.7B | 22.9B | 29 |
| 30 | 14.2B | | 10.0B | 10.8 B | 217 | 163 | 67.0 | 47.2 | 48.2 | 41.0B | 29.0B | 23.0B | 30 |
| 31 | 14.3B | | 10.0B | | 254 | | 64.0 | 46.9 | | 40.5B | | 22.7B | 31 |
| TOTAL | 532.9 | 369.5 | 342.1 | 302.85 | 2 465.7 | 8 750 | 3 353.1 | 1 599.6 | 1 523.2 | 1 701.1 | 1 049.0 | 771.9 | TOTAL |
| MEAN | 17.2 | 13.2 | 11.0 | 10.1 | 79.5 | 292 | 108 | 51.6 | 50.8 | 54.9 | 35.0 | 24.9 | MEAN |
| MAX | 20.2 | 14.8 | 11.9 | 10.8 | 254 | 500 | 155 | 63.3 | 67.2 | 65.8 | 41.5 | 28.7 | MAX |
| MIN | 14.0 | 11.6 | 10.0 | 9.75 | 11.1 | 163 | 64.0 | 38.4 | 39.9 | 38.9 | 29.0 | 22.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 62.6
MAXIMUM DAILY, 500 ON JUN 11
MINIMUM DAILY, 9.75B ON APR 15
MAXIMUM INSTANTANEOUS,
583 AT 18:27 YST ON JUN 11

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 20 35 N
LONG 132 32 41 W
DRAINAGE AREA, 8 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 46 000 | JUL | 290 000 |
| FEB | 31 900 | AUG | 138 000 |
| MAR | 29 600 | SEP | 132 000 |
| APR | 26 100 | OCT | 147 000 |
| MAY | 213 000 | NOV | 90 600 |
| JUN | 756 000 | DEC | 66 700 |

TOTAL DISCHARGE, 1 970 000 dam³

YUKON TERRITORY

NORDENSKIOLD RIVER BELOW ROWLINSON CREEK - STATION NO. 09AH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | 29.9 | 20.2 | 13.3 | 10.1 B | 5.80B | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 16.1 A | 36.5 | 19.3 | 13.1 | 10.2 B | 5.60B | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 15.2 | 42.8 | 19.4 | 13.2 | 10.1 B | 5.40B | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 14.4 | 42.3 | 20.1 | 13.3 | 10.0 B | 5.30B | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 13.8 | 38.7 | 20.3 | 13.1 | 9.70B | 5.20B | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 13.2 | 34.2 | 19.4 | 13.0 | 9.40B | 5.25B | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 12.7 | 30.5 | 19.0 | 12.9 | 9.35B | 5.40B | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 12.2 | 27.2 | 18.8 | 12.6 | 9.40B | 5.45B | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 11.6 | 24.6 | 18.4 | 12.2 | 9.40B | 5.45B | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 11.2 | 22.6 | 18.3 | 12.6 | 9.40B | 5.45B | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 10.8 | 22.1 | 18.2 | 12.5 | 9.35B | 5.40B | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 10.6 | 22.9 | 17.8 | 12.5 | 9.25B | 5.35B | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 10.6 | 26.1 | 17.2 | 12.4 | 9.15B | 5.30B | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 10.4 | 27.8 | 16.7 | 12.3 | 9.00B | 5.00B | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 10.2 | 26.9 | 16.2 | 11.3 | 8.50B | 4.80B | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 10.1 | 24.6 | 15.7 | 10.8 | 8.00B | 4.55B | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 10.5 | 22.7 | 15.3 | 10.5 | 7.30B | 4.45B | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 10.7 | 21.3 | 14.8 | 10.5 B | 6.75B | 4.40B | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 11.2 | 20.2 | 14.4 | 10.6 B | 6.55B | 4.40B | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 11.7 | 19.1 | 14.2 | 10.6 B | 6.40B | 4.45B | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 11.1 | 18.6 | 13.8 | 10.7 B | 6.40B | 4.40B | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 10.6 | 17.9 | 13.5 | 10.7 B | 6.35B | 4.35B | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 10.1 | 17.3 | 13.5 | 10.7 B | 6.35B | 4.30B | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 9.78 | 16.8 | 13.8 | 10.6 B | 6.40B | 4.25B | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 9.30 | 16.3 | 13.9 | 10.4 B | 6.40B | 4.30B | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 8.89 | 16.6 | 14.1 | 10.3 B | 6.40B | 4.35B | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 8.69 | 19.1 | 13.9 | 10.7 B | 6.20B | 4.38B | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 8.39 | 21.7 | 13.6 | 10.7 B | 6.05B | 4.40B | 28 |
| 29 | --- | | --- | --- | --- | --- | 8.13 | 22.5 | 13.3 | 10.5 B | 6.05B | 4.36B | 29 |
| 30 | --- | | --- | --- | --- | --- | 8.23 | 22.4 | 13.4 | 9.90B | 6.00B | 4.30B | 30 |
| 31 | --- | | --- | | --- | | 10.5 | 21.5 | | 9.90B | | 4.22B | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | 774.5 | 490.5 | 358.40 | 239.90 | 150.01 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | 25.0 | 16.4 | 11.6 | 8.00 | 4.84 | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | 42.8 | 20.3 | 13.3 | 10.2 | 5.80 | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | 16.3 | 13.3 | 9.90 | 6.00 | 4.22 | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 03 00 N
LONG 136 16 45 W
DRAINAGE AREA, 6 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | 66 900 |
| MAR | --- | SEP | 42 400 |
| APR | --- | OCT | 31 000 |
| MAY | --- | NOV | 20 700 |
| JUN | --- | DEC | 13 000 |

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.03B | 2.53B | 2.33B | 2.30B | 3.03B | 39.8 | 33.0 | 15.2 | 11.0 | 8.59 | 5.05B | 3.37B | 1 |
| 2 | 3.03B | 2.53B | 2.34B | 2.28B | 3.16B | 44.4 | 29.9 | 15.2 | 11.0 | 8.20 | 5.05B | 3.30B | 2 |
| 3 | 3.04B | 2.53B | 2.36B | 2.29B | 3.32B | 51.0 | 26.9 | 14.8 | 10.6 | 8.17 | 5.00B | 3.22B | 3 |
| 4 | 3.05B | 2.53B | 2.38B | 2.30B | 3.49B | 36.3 | 25.3 | 14.6 | 11.4 | 7.76 | 5.00B | 3.20B | 4 |
| 5 | 3.05B | 2.52B | 2.40B | 2.31B | 3.54B | 31.1 | 26.1 | 14.4 | 12.7 | 7.58 | 4.95B | 3.20B | 5 |
| 6 | 3.04B | 2.49B | 2.40B | 2.32B | 3.90B | 81.3 | 23.9 | 13.7 | 12.6 | 7.53 | 4.80B | 3.18B | 6 |
| 7 | 2.95B | 2.45B | 2.40B | 2.40B | 4.20B | 76.4 | 22.4 | 13.2 | 12.9 | 7.24 | 4.60B | 3.17B | 7 |
| 8 | 2.79B | 2.42B | 2.38B | 2.46B | 4.60B | 137 | 23.1 | 12.7 | 14.0 | 7.40 | 4.45B | 3.20B | 8 |
| 9 | 2.80B | 2.41B | 2.35B | 2.49B | 5.18B | 122 | 27.0 | 12.9 | 14.5 | 7.34 | 4.35B | 3.21B | 9 |
| 10 | 2.82B | 2.40B | 2.30B | 2.49B | 5.75B | 88.2 | 25.7 | 13.5 | 14.4 | 7.39 | 4.40B | 3.22B | 10 |
| 11 | 2.83B | 2.41B | 2.30B | 2.48B | 6.60B | 98.6 | 25.8 | 12.9 | 13.7 | 7.37 | 4.40B | 3.21B | 11 |
| 12 | 2.86B | 2.41B | 2.36B | 2.46B | 7.20B | 90.3 | 25.2 | 12.5 | 13.2 | 7.25 | 4.40B | 3.18B | 12 |
| 13 | 2.80B | 2.41B | 2.20B | 2.42B | 8.60B | 82.0 | 23.3 | 11.8 | 12.7 | 7.19 | 4.35B | 3.02B | 13 |
| 14 | 2.69B | 2.40B | 2.19B | 2.41B | 11.0 B | 72.7 | 21.4 | 11.4 | 12.2 | 7.03 | 4.35B | 2.90B | 14 |
| 15 | 2.58B | 2.38B | 2.18B | 2.40B | 13.8 B | 50.7 | 21.0 | 10.9 | 12.0 | 6.85A | 4.20B | 2.90B | 15 |
| 16 | 2.52B | 2.31B | 2.17B | 2.48B | 13.4 | 54.2 | 20.7 | 10.8 | 11.7 | 6.70B | 4.00B | 2.90B | 16 |
| 17 | 2.52B | 2.31B | 2.19B | 2.52B | 13.6 | 56.5 | 23.1 | 11.9 | 11.4 | 6.50B | 3.75B | 2.90B | 17 |
| 18 | 2.58B | 2.30B | 2.20B | 2.57B | 18.5 | 50.8 | 31.6 | 12.6 | 11.1 | 6.45B | 3.70B | 2.90B | 18 |
| 19 | 2.60B | 2.29B | 2.22B | 2.62B | 25.0 | 68.1 | 27.5 | 12.5 | 10.9 | 6.40B | 3.70B | 2.80B | 19 |
| 20 | 2.59B | 2.29B | 2.28B | 2.70B | 26.5 | 106 | 23.8 | 12.0 | 10.7 | 6.35B | 3.71B | 2.70B | 20 |
| 21 | 2.58B | 2.28B | 2.30B | 2.70B | 26.8 | 86.0 | 21.5 | 11.6 | 10.6 | 6.10B | 3.71B | 2.65B | 21 |
| 22 | 2.53B | 2.24B | 2.33B | 2.71B | 23.4 | 64.9 | 20.2 | 11.2 | 10.3 | 5.80B | 3.72B | 2.62B | 22 |
| 23 | 2.50B | 2.23B | 2.38B | 2.71B | 22.8 | 55.2 | 19.2 | 10.9 | 10.3 | 5.70B | 3.79B | 2.63B | 23 |
| 24 | 2.48B | 2.22B | 2.39B | 2.71B | 22.1 | 49.6 | 18.3 | 10.7 | 10.1 | 5.60B | 3.80B | 2.65B | 24 |
| 25 | 2.42B | 2.22B | 2.40B | 2.74B | 22.7 | 46.8 | 17.5 | 10.4 | 9.91 | 5.60B | 3.80B | 2.70B | 25 |
| 26 | 2.43B | 2.28B | 2.41B | 2.80B | 25.6 | 44.3 | 17.8 | 10.1 | 9.74 | 5.60B | 3.75B | 2.75B | 26 |
| 27 | 2.46B | 2.29B | 2.40B | 2.81B | 30.1 | 44.9 | 16.7 | 9.98 | 9.52 | 5.48B | 3.70B | 2.80B | 27 |
| 28 | 2.48B | 2.30B | 2.38B | 2.82B | 34.8 | 43.3 | 15.9 | 9.68 | 9.26 | 5.25B | 3.60B | 2.81B | 28 |
| 29 | 2.49B | | 2.37B | 2.88B | 36.8 | 40.2 | 15.4 | 9.44 | 9.04 | 5.20B | 3.55B | 2.82B | 29 |
| 30 | 2.50B | | 2.33B | 2.92B | 35.1 | 34.4 | 15.0 | 9.39 | 8.99 | 5.05B | 3.45B | 2.81B | 30 |
| 31 | 2.52B | | 2.30B | | 37.8 | | 14.9 | 9.96 | | 5.00B | | 2.80B | 31 |
| TOTAL | 83.56 | 66.38 | 71.92 | 76.50 | 582.37 | 1 907.0 | 699.1 | 372.85 | 342.46 | 205.59 | 125.08 | 91.72 | TOTAL |
| MEAN | 2.70 | 2.37 | 2.32 | 2.55 | 16.2 | 63.6 | 22.6 | 12.0 | 11.4 | 6.63 | 4.17 | 2.96 | MEAN |
| MAX | 3.05 | 2.53 | 2.41 | 2.92 | 37.8 | 137 | 33.0 | 15.2 | 14.5 | 8.59 | 5.05 | 3.37 | MAX |
| MIN | 2.42 | 2.22 | 2.17 | 2.28 | 3.03 | 31.1 | 14.9 | 9.39 | 8.99 | 5.00 | 3.45 | 2.62 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.5
MAXIMUM DAILY, 137 ON JUN 8
MINIMUM DAILY, 2.17B ON MAR 16
MAXIMUM INSTANTANEOUS,
156 AT 03:00 YST ON JUN 9

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 01 16 N
LONG 138 34 58 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 220 | JUL | 60 400 |
| FEB | 5 740 | AUG | 32 200 |
| MAR | 6 210 | SEP | 29 600 |
| APR | 6 610 | OCT | 17 600 |
| MAY | 43 400 | NOV | 10 800 |
| JUN | 165 000 | DEC | 7 930 |

TOTAL DISCHARGE, 393 000 dam³

## OGILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY - STATION NO. 10MA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.22B | 1.11 B | 0.840B | 0.705B | 0.815B | 252 | 36.0E | 41.0 | 26.7 | 25.3 | 10.0 B | 3.40B | 1 |
| 2 | 1.22B | 1.11 B | 0.842B | 0.705B | 0.835B | 126 | 33.0E | 44.1 | 27.6 | 24.9B | 9.80B | 3.30B | 2 |
| 3 | 1.18B | 1.11 B | 0.858B | 0.708B | 0.850B | 78.5 | 31.5E | 43.2 | 29.9 | 23.8B | 9.70B | 3.20B | 3 |
| 4 | 1.15B | 1.12 B | 0.860B | 0.710B | 0.900B | 96.7 | 29.5E | 40.0 | 33.8 | 22.9B | 9.60B | 3.08B | 4 |
| 5 | 1.15B | 1.13 B | 0.864B | 0.720B | 0.960B | 111 | 27.0E | 38.2 | 50.4 | 22.2B | 9.10B | 2.92B | 5 |
| 6 | 1.17B | 1.12 B | 0.870B | 0.737B | 1.10 B | 107 | 25.3A | 36.2A | 68.6 | 21.9B | 8.20B | 2.81B | 6 |
| 7 | 1.16B | 1.10 B | 0.880B | 0.745B | 1.60 B | 114 | 24.1 | 35.5E | 59.0 | 21.2B | 7.80B | 2.80B | 7 |
| 8 | 1.14B | 1.08 B | 0.892B | 0.755B | 2.20 B | 107 | 23.5 | 33.5E | 55.8 | 20.2B | 7.75B | 2.80B | 8 |
| 9 | 1.12B | 1.05 B | 0.890B | 0.755B | 3.00 B | 95.6 | 26.1 | 32.0E | 59.1 | 19.6B | 7.70B | 2.78B | 9 |
| 10 | 1.10B | 1.00 B | 0.880B | 0.750B | 4.05 B | 72.2 | 31.5 | 31.0E | 58.8 | 19.0B | 7.60B | 2.70B | 10 |
| 11 | 1.12B | 0.980B | 0.860B | 0.740B | 6.00 B | 64.4 | 27.3 | 30.0E | 53.1 | 19.0B | 7.50B | 2.64B | 11 |
| 12 | 1.14B | 0.970B | 0.820B | 0.720B | 8.80 B | 53.4A | 29.1 | 28.2E | 47.5 | 19.0B | 7.30B | 2.60B | 12 |
| 13 | 1.18B | 0.975B | 0.790B | 0.705B | 12.0 B | 72.0E | 28.0 | 27.0E | 44.0 | 18.7B | 7.00B | 2.52B | 13 |
| 14 | 1.17B | 0.980B | 0.770B | 0.690B | 17.5 B | 90.0E | 26.7 | 26.4E | 42.8 | 18.0B | 6.40B | 2.48B | 14 |
| 15 | 1.12B | 0.978B | 0.760B | 0.685B | 23.8 B | 107 | 24.9 | 25.2E | 41.7 | 17.2B | 5.45B | 2.40B | 15 |
| 16 | 1.11B | 0.960B | 0.758B | 0.685B | 34.0 B | 119 | 24.4 | 24.6E | 40.6 | 16.9B | 5.20B | 2.38B | 16 |
| 17 | 1.13B | 0.940B | 0.760B | 0.695B | 49.0 B | 78.2 | 25.2 | 24.5E | 38.6 | 16.8B | 5.05B | 2.30B | 17 |
| 18 | 1.16B | 0.915B | 0.762B | 0.708B | 70.0 B | 82.9 | 30.3 | 26.0E | 36.9 | 16.6B | 4.95B | 2.20B | 18 |
| 19 | 1.17B | 0.882B | 0.780B | 0.715B | 98.0 B | 83.2 | 33.4 | 33.0E | 35.7 | 16.2B | 4.80B | 2.05B | 19 |
| 20 | 1.17B | 0.860B | 0.794B | 0.726B | 132 B | 96.5A | 29.4 | 35.3E | 33.3 | 16.0B | 4.60B | 1.91B | 20 |
| 21 | 1.15B | 0.850B | 0.810B | 0.740B | 154 B | 269 A | 25.6 | 34.0E | 30.8 | 14.6B | 4.30B | 1.87B | 21 |
| 22 | 1.10B | 0.840B | 0.825B | 0.750B | 283 | 162 A | 23.1 | 32.4E | 29.3 | 13.6B | 4.10B | 1.86B | 22 |
| 23 | 1.05B | 0.835B | 0.835B | 0.747B | 303 | 138 E | 21.6 | 31.2E | 30.3 | 13.0B | 4.00B | 1.86B | 23 |
| 24 | 1.04B | 0.832B | 0.820B | 0.740B | 406 | 110 E | 21.2 | 30.0E | 36.0 | 12.5B | 3.70B | 1.86B | 24 |
| 25 | 1.04B | 0.835B | 0.800B | 0.730B | 464 | 80.0E | 20.7 | 29.0E | 39.2 | 12.0B | 3.60B | 1.87B | 25 |
| 26 | 1.03B | 0.835B | 0.780B | 0.737B | 585 | 66.0E | 20.7 | 28.0E | 36.8 | 11.7B | 3.60B | 1.87B | 26 |
| 27 | 1.03B | 0.838B | 0.760B | 0.743B | 619 | 59.0E | 20.7 | 27.0E | 33.4 | 11.3B | 3.60B | 1.86B | 27 |
| 28 | 1.06B | 0.840B | 0.740B | 0.770B | 566 | 52.0E | 20.7 | 26.0E | 31.0 | 10.8B | 3.55B | 1.83B | 28 |
| 29 | 1.07B | | 0.725B | 0.790B | 524 | 46.0E | 20.1 | 24.7E | 29.7 | 10.4B | 3.52B | 1.79B | 29 |
| 30 | 1.07B | | 0.720B | 0.800B | 400 | 40.0E | 20.0 | 24.3E | 27.7 | 10.2B | 3.50B | 1.75B | 30 |
| 31 | 1.09B | | 0.710B | | 367 | | 27.7 | 26.3A | | 10.1B | | 1.65B | 31 |
| TOTAL | 34.81 | 27.075 | 25.055 | 21.906 | 5 139.210 | 3 028.6 | 808.3 | 967.8 | 1 208.1 | 525.6 | 182.97 | 73.34 | TOTAL |
| MEAN | 1.12 | 0.967 | 0.808 | 0.730 | 166 | 101 | 26.1 | 31.2 | 40.3 | 17.0 | 6.10 | 2.37 | MEAN |
| MAX | 1.22 | 1.13 | 0.892 | 0.800 | 619 | 269 | 36.0 | 44.1 | 68.6 | 25.3 | 10.0 | 3.40 | MAX |
| MIN | 1.03 | 0.832 | 0.710 | 0.685 | 0.815 | 40.0 | 20.0 | 24.3 | 26.7 | 10.1 | 3.50 | 1.65 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.0
MAXIMUM DAILY, 619 ON MAY 27
MINIMUM DAILY, 0.685B ON APR 15
MAXIMUM INSTANTANEOUS,
630 AT 03:11 YST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 21 45 N
LONG 138 17 50 W
DRAINAGE AREA, 5 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 010 | JUL | 69 880 |
| FEB | 2 340 | AUG | 83 600 |
| MAR | 2 160 | SEP | 104 080 |
| APR | 1 890 | OCT | 45 400 |
| MAY | 444 000 | NOV | 15 800 |
| JUN | 262 000 | DEC | 6 340 |

TOTAL DISCHARGE, 1 040 000 dam³

## PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23.6B | 22.9B | 20.9B | 20.1B | 23.3B | 1 090 | 260 | 318 | 159 | 151 B | 58.0B | 40.5B | 1 |
| 2 | 23.3B | 23.2B | 21.3B | 20.3B | 23.6B | 958 | 237 | 502 | 162 | 141 B | 58.0B | 40.0B | 2 |
| 3 | 23.0B | 24.4B | 21.7B | 20.9B | 24.0B | 1 010 | 225 | 430 | 168 | 133 B | 58.0B | 39.5B | 3 |
| 4 | 23.0B | 25.0B | 21.9B | 21.2B | 24.5B | 1 060 | 223 | 360 | 175 | 128 B | 57.0B | 38.5B | 4 |
| 5 | 23.2B | 25.9B | 22.2B | 21.8B | 25.0B | 739 | 230 | 371 | 179 | 126 B | 56.0B | 37.0B | 5 |
| 6 | 23.0B | 26.3B | 23.0B | 22.1B | 26.0B | 535 | 215 | 328 | 186 | 124 B | 54.0B | 35.5B | 6 |
| 7 | 22.8B | 26.2B | 23.2B | 22.3B | 27.0B | 543 | 223 | 281 | 201 | 124 B | 52.0B | 35.0B | 7 |
| 8 | 22.7B | 26.0B | 23.5B | 22.0B | 29.0B | 708 | 222 | 248 | 204 | 123 B | 50.5B | 34.5B | 8 |
| 9 | 22.9B | 25.0B | 23.5B | 21.7B | 31.0B | 825 | 206 | 227 | 211 | 119 B | 50.3B | 34.5B | 9 |
| 10 | 23.5B | 23.9B | 23.1B | 21.2B | 34.0B | 789 | 218 | 212 | 218 | 115 B | 50.1B | 34.6B | 10 |
| 11 | 24.0B | 22.5B | 23.6B | 20.8B | 40.0B | 649 | 233 | 206 | 215 | 114 B | 50.2B | 34.9B | 11 |
| 12 | 23.0B | 23.0B | 21.8B | 20.2B | 50.0B | 637 | 223 | 204 | 205 | 112 B | 50.2B | 34.5B | 12 |
| 13 | 23.4B | 24.0B | 21.0B | 19.8B | 70.0B | 600 | 252 | 202 | 197 | 107 B | 50.2B | 34.0B | 13 |
| 14 | 22.9B | 24.3B | 20.6B | 19.7B | 100 B | 500 | 257 | 195 | 188 | 103 B | 50.0B | 33.0B | 14 |
| 15 | 23.0B | 23.8B | 20.4B | 19.7B | 129 B | 652 | 223 | 187 | 182 | 96.0B | 49.5B | 32.8B | 15 |
| 16 | 23.8B | 23.0B | 20.2B | 19.9B | 180 B | 931 | 207 | 180 | 178 | 94.5B | 47.0B | 32.5B | 16 |
| 17 | 24.2B | 22.0B | 20.1B | 20.0B | 250 B | 915 | 217 | 177 | 172 | 94.0B | 45.0B | 32.0B | 17 |
| 18 | 24.8B | 21.0B | 20.2B | 20.0B | 350 B | 721 | 221 | 206 | 167 | 94.0B | 45.0B | 31.2B | 18 |
| 19 | 24.9B | 20.3B | 20.4B | 20.2B | 470 B | 566 | 257 | 293 | 164 | 93.0B | 45.5B | 30.0B | 19 |
| 20 | 24.9B | 20.1B | 20.5B | 20.6B | 650 B | 623 | 262 | 308 | 161 | 91.0B | 46.0B | 28.0B | 20 |
| 21 | 24.0B | 20.1B | 21.0B | 21.0B | 830 B | 800 | 231 | 279 | 159 | 87.0B | 46.0B | 27.2B | 21 |
| 22 | 23.0B | 20.2B | 22.0B | 21.2B | 1 000 B | 796 | 205 | 260 | 158 | 84.0B | 46.0B | 27.0B | 22 |
| 23 | 22.0B | 20.1B | 22.3B | 21.1B | 1 250 B | 702 | 191 | 234 | 158 | 78.0B | 45.0B | 27.0B | 23 |
| 24 | 21.8B | 19.9B | 22.0B | 21.0B | 1 400 B | 551 | 185 | 215 | 167 | 71.0B | 43.0B | 27.5B | 24 |
| 25 | 21.2B | 19.9B | 21.9B | 20.8B | 1 550 E | 434 | 183 | 202 | 178 | 66.0B | 41.0B | 28.0B | 25 |
| 26 | 20.9B | 19.9B | 21.1B | 20.6B | 2 000 E | 374 | 184 | 191 | 179 | 64.0B | 40.2B | 28.0B | 26 |
| 27 | 20.7B | 20.0B | 20.8B | 21.0B | 2 500 E | 335 | 181 | 183 | 174 | 63.0B | 40.2B | 28.0B | 27 |
| 28 | 20.8B | 20.1B | 20.3B | 21.2B | 3 500 E | 319 | 181 | 176 | 167 | 62.0B | 40.5B | 28.2B | 28 |
| 29 | 21.0B | | 20.2B | 22.3B | 2 500 E | 299 | 176 | 170 | 163 | 60.0B | 41.0B | 28.5B | 29 |
| 30 | 21.5B | | 20.1B | 23.0B | 1 950 E | 287 | 173 | 164 | 157B | 59.5B | 40.5B | 28.0B | 30 |
| 31 | 22.1B | | 20.0B | | 1 160 A | | 184 | 160 | | 58.0B | | 27.5B | 31 |
| TOTAL | 708.9 | 633.0 | 664.8 | 627.7 | 22 196.4 | 19 948 | 6 685 | 7 669 | 5 352 | 3 035.0 | 1 485.9 | 997.4 | TOTAL |
| MEAN | 22.9 | 22.6 | 21.4 | 20.9 | 716 | 665 | 216 | 247 | 178 | 97.9 | 48.2 | 32.2 | MEAN |
| MAX | 24.9 | 26.3 | 23.6 | 23.0 | 3 500 | 1 090 | 262 | 502 | 218 | 151 | 58.0 | 40.5 | MAX |
| MIN | 20.7 | 19.9 | 20.0 | 19.7 | 23.3 | 287 | 173 | 160 | 157 | 58.0 | 40.2 | 27.0 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 192
MAXIMUM DAILY, 3 500B ON MAY 28
MINIMUM DAILY, 19.7B ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 53 48 N
LONG 136 02 10 W
DRAINAGE AREA, 25 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 61 200 | JUL | 578 000 |
| FEB | 54 700 | AUG | 663 000 |
| MAR | 57 400 | SEP | 462 000 |
| APR | 54 200 | OCT | 262 000 |
| MAY | 1 920 000 | NOV | 125 000 |
| JUN | 1 720 000 | DEC | 86 200 |

TOTAL DISCHARGE, 6 040 000 dam³

YUKON TERRITORY

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 59.5B | 37.0B | 28.7B | 36.0B | 54.0B | 1 320 | 689 | 391 | 260 | 276 | 173B | 117 B | 1 |
| 2 | 59.8B | 37.4B | 29.3B | 35.9B | 58.0B | 1 420 | 665 | 431 | 256 | 298 | 173B | 116 B | 2 |
| 3 | 59.9B | 38.0B | 30.0B | 34.9B | 62.0B | 1 490 | 644 | 448 | 253 | 323 | 170B | 110 B | 3 |
| 4 | 61.2B | 38.7B | 30.9B | 34.7B | 66.0B | 1 550 | 620 | 458 | 251 | 351 | 168B | 107 B | 4 |
| 5 | 62.0B | 38.9B | 31.0B | 35.3B | 72.9B | 1 560 | 594 | 466 | 256 | 390 | 158B | 104 B | 5 |
| 6 | 55.0B | 38.4B | 31.8B | 36.2B | 83.4B | 1 510 | 575 | 476 | 261 | 420 | 156B | 103 B | 6 |
| 7 | 52.0B | 38.0B | 32.7B | 37.0B | 99.0B | 1 410 | 567 | 468 | 265 | 415 | 155B | 103 B | 7 |
| 8 | 50.0B | 37.0B | 33.7B | 36.8B | 118 B | 1 360 | 553 | 452 | 272 | 401 | 155B | 103 B | 8 |
| 9 | 51.8B | 35.6B | 34.0B | 35.8B | 134 B | 1 460 | 530 | 433 | 279 | 391 | 152B | 99.9B | 9 |
| 10 | 56.0B | 33.5B | 33.9B | 35.2B | 160 B | 1 610 | 508 | 417 | 285 | 380 | 148B | 98.0B | 10 |
| 11 | 59.0B | 31.8B | 33.4B | 35.5B | 183 B | 1 700 | 486 | 407 | 290 | 370 | 144B | 98.0B | 11 |
| 12 | 57.0B | 31.4B | 32.6B | 36.8B | 215 B | 1 740 | 472 | 394 | 301 | 358 | 143B | 98.0B | 12 |
| 13 | 50.0B | 31.7B | 31.7B | 37.1B | 260 B | 1 710 | 458 | 384 | 316 | 351 | 143B | 98.0B | 13 |
| 14 | 44.0B | 31.8B | 31.4B | 36.3B | 315 B | 1 650 | 458 | 377 | 330 | 347 | 144B | 96.0B | 14 |
| 15 | 42.3B | 31.6B | 32.0B | 35.0B | 368 B | 1 570 | 475 | 375 | 339 | 351 | 142B | 94.0B | 15 |
| 16 | 42.3B | 30.0B | 33.0B | 36.2B | 440 B | 1 480 | 481 | 379 | 340 | 345 | 135B | 86.0B | 16 |
| 17 | 43.4B | 29.5B | 34.0B | 37.3B | 460 B | 1 350 | 472 | 375 | 333 | 320 | 130B | 82.0B | 17 |
| 18 | 46.0B | 29.7B | 34.8B | 37.9B | 680 B | 1 240 | 468 | 362 | 322 | 300 | 128B | 80.0B | 18 |
| 19 | 45.5B | 29.9B | 35.3B | 37.3B | 810 B | 1 140 | 525 | 349 | 312 | 285 | 127B | 80.0B | 19 |
| 20 | 43.0B | 30.4B | 36.3B | 37.5B | 825 | 1 060 | 672 | 337 | 303 | 246 | 123B | 79.0B | 20 |
| 21 | 39.0B | 31.0B | 37.0B | 38.0B | 916 | 1 000 | 733 | 328 | 295 | 238 | 122B | 78.0B | 21 |
| 22 | 36.5B | 30.6B | 37.2B | 38.5B | 1 010 | 977 | 717 | 318 | 286 | 218 | 121B | 79.0B | 22 |
| 23 | 36.0B | 29.9B | 37.0B | 39.0B | 1 030 | 960 | 669 | 312 | 281 | 210B | 123B | 79.0B | 23 |
| 24 | 37.0B | 28.8B | 36.9B | 40.4B | 1 010 | 924 | 612 | 306 | 272 | 205B | 127B | 78.0B | 24 |
| 25 | 37.0B | 28.3B | 36.3B | 42.0B | 959 | 868 | 561 | 299 | 266 | 200B | 128B | 76.0B | 25 |
| 26 | 36.5B | 28.0B | 36.1B | 43.0B | 909 | 811 | 521 | 293 | 260 | 175B | 126B | 76.0B | 26 |
| 27 | 36.0B | 28.0B | 35.0B | 44.4B | 888 | 771 | 484 | 286 | 258 | 170B | 124B | 77.0B | 27 |
| 28 | 36.0B | 28.2B | 34.0B | 47.0B | 913 | 741 | 453 | 280 | 259 | 170B | 123B | 78.0B | 28 |
| 29 | 36.5B | | 33.1B | 49.0B | 988 | 720 | 427 | 275 | 258 | 173B | 123B | 78.0B | 29 |
| 30 | 36.7B | | 34.0B | 52.0B | 1 080 | 700 | 403 | 270 | 264 | 175B | 122B | 77.0B | 30 |
| 31 | 37.0B | | 35.5B | | 1 190 | | 387 | 267 | | 173B | | 75.0B | 31 |
| TOTAL | 1 443.9 | 913.1 | 1 042.6 | 1 157.9 | 16 356.3 | 37 802 | 16 879 | 11 413 | 8 523 | 9 025 | 4 206 | 2 802.9 | TOTAL |
| MEAN | 46.6 | 32.6 | 33.6 | 38.6 | 528 | 1 260 | 544 | 368 | 284 | 291 | 140 | 90.4 | MEAN |
| MAX | 62.0 | 38.9 | 37.2 | 52.0 | 1 190 | 1 740 | 733 | 476 | 340 | 420 | 173 | 117 | MAX |
| MIN | 36.0 | 28.0 | 28.7 | 34.7 | 54.0 | 700 | 387 | 267 | 251 | 170 | 121 | 75.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 306
MAXIMUM DAILY, 1 740 ON JUN 12
MINIMUM DAILY, 28.0B ON FEB 26
MAXIMUM INSTANTANEOUS,
1 780 AT 03:25 YST ON JUN 12

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 49 47 N
LONG 136 34 50 W
DRAINAGE AREA, 49 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 125 000 | JUL | 1 460 000 |
| FEB | 78 900 | AUG | 986 000 |
| MAR | 90 100 | SEP | 736 000 |
| APR | 100 000 | OCT | 780 000 |
| MAY | 1 410 000 | NOV | 363 000 |
| JUN | 3 270 000 | DEC | 242 000 |

TOTAL DISCHARGE, 9 640 000 dam³

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09BC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 22.6B | 18.8B | 14.5B | 14.4B | 32.0B | 670E | 340 | 147 | 127 | 155 | 80.0B | 38.0B | 1 |
| 2 | 22.8B | 18.7B | 14.5B | 15.0B | 34.0B | 710E | 318 | 149 | 128 | 168 | 78.0B | 37.0B | 2 |
| 3 | 23.0B | 18.8B | 14.6B | 15.1B | 36.0B | 740E | 299 | 154 | 131 | 196 | 77.0B | 36.0B | 3 |
| 4 | 23.5B | 18.9B | 14.8B | 15.1B | 37.5B | 790E | 291 | 160 | 134 | 224 | 75.0B | 35.0B | 4 |
| 5 | 23.1B | 19.0B | 14.9B | 15.2B | 39.0B | 750E | 290 | 168 | 139 | 228 | 70.0B | 34.0B | 5 |
| 6 | 22.2B | 19.3B | 15.0B | 15.5B | 41.5B | 729A | 282 | 172 | 142 | 225 | 65.0B | 33.5B | 6 |
| 7 | 21.0B | 19.0B | 15.1B | 16.7B | 45.0B | 680 | 267 | 172 | 144 | 219 | 64.0B | 33.5B | 7 |
| 8 | 21.2B | 18.7B | 15.2B | 17.0B | 48.0B | 705 | 254 | 171 | 145 | 209 | 63.0B | 33.0B | 8 |
| 9 | 21.5B | 18.3B | 15.1B | 17.0B | 51.0B | 770 | 242 | 170 | 148 | 200 | 62.0B | 32.0B | 9 |
| 10 | 22.0B | 18.0B | 15.0B | 17.2B | 55.0B | 812 | 228 | 165 | 152 | 193 | 57.0B | 31.0B | 10 |
| 11 | 23.0B | 17.3B | 15.0B | 17.5B | 60.0B | 816 | 223 | 160 | 159 | 188 | 55.0B | 31.5B | 11 |
| 12 | 23.6B | 16.9B | 14.8B | 18.0B | 67.0B | 811 | 216 | 160 | 170 | 183 | 53.0B | 31.5B | 12 |
| 13 | 22.5B | 16.9B | 14.5B | 19.0B | 76.0B | 800 | 215 | 164 | 177 | 180 | 51.0B | 31.0B | 13 |
| 14 | 21.5B | 16.9B | 14.4B | 19.1B | 86.0B | 770 | 219 | 169 | 178 | 180 | 50.5B | 30.5B | 14 |
| 15 | 20.5B | 16.8B | 14.3B | 19.2B | 96.0B | 734 | 213 | 171 | 176 | 177 | 50.0B | 30.0B | 15 |
| 16 | 20.6B | 16.5B | 14.4B | 19.8B | 108 B | 684 | 209 | 167 | 171 | 170 | 50.0B | 28.5B | 16 |
| 17 | 21.5B | 16.1B | 14.5B | 20.7B | 125 B | 641 | 206 | 160 | 166 | 157 | 49.0B | 27.5B | 17 |
| 18 | 22.9B | 16.2B | 14.7B | 21.3B | 140 B | 592 | 216 | 155 | 161 | 147 | 48.0B | 27.0B | 18 |
| 19 | 22.6B | 16.3B | 14.9B | 21.5B | 160 B | 557 | 229 | 152 | 155 | 142 | 48.0B | 26.0B | 19 |
| 20 | 22.0B | 16.5B | 15.0B | 22.0B | 195 B | 546 | 242 | 149 | 151 | 137 | 47.0B | 25.5B | 20 |
| 21 | 20.4B | 16.6B | 15.5B | 22.5B | 220 B | 515 | 260 | 146 | 147 | 138 | 47.5B | 25.5B | 21 |
| 22 | 19.8B | 16.2B | 15.7B | 23.0B | 250 B | 484 | 257 | 144 | 144 | 137 | 48.0B | 25.0B | 22 |
| 23 | 19.9B | 15.8B | 15.5B | 23.8B | 280 B | 462 | 241 | 141 | 140 | 140 | 47.0B | 25.0B | 23 |
| 24 | 20.0B | 15.3B | 15.3B | 24.5B | 280 E | 435 | 224 | 139 | 139 | 138 | 46.0B | 24.5B | 24 |
| 25 | 20.1B | 15.0B | 15.2B | 25.5B | 300 E | 408 | 209 | 137 | 137 | 133 | 44.0B | 24.0B | 25 |
| 26 | 19.8B | 15.0B | 15.0B | 26.5B | 330 E | 385 | 194 | 136 | 137 | 131 | 42.0B | 25.5B | 26 |
| 27 | 19.5B | 14.8B | 14.7B | 27.5B | 360 E | 368 | 183 | 136 | 137 | 113 | 40.0B | 25.5B | 27 |
| 28 | 19.0B | 14.6B | 14.2B | 28.5B | 420 E | 369 | 171 | 135 | 138 | 96.0B | 39.5B | 26.0B | 28 |
| 29 | 19.0B | | 14.1B | 29.5B | 500 E | 368 | 163 | 133 | 139 | 85.0B | 39.0B | 25.5B | 29 |
| 30 | 19.0B | | 14.0B | 30.5B | 570 E | 359 | 156 | 130 | 142 | 81.0B | 38.5B | 25.3B | 30 |
| 31 | 19.2B | | 14.2B | | 620 E | | 150 | 128 | | 80.0B | | 25.0B | 31 |
| TOTAL | 659.3 | 477.2 | 458.6 | 618.1 | 5 662.0 | 18 460 | 7 207 | 4 740 | 4 454 | 4 950.0 | 1 624.0 | 908.8 | TOTAL |
| MEAN | 21.3 | 17.0 | 14.8 | 20.6 | 183 | 615 | 232 | 153 | 148 | 160 | 54.1 | 29.3 | MEAN |
| MAX | 23.6 | 19.3 | 15.7 | 30.5 | 620 | 816 | 340 | 172 | 178 | 228 | 80.0 | 38.0 | MAX |
| MIN | 19.0 | 14.6 | 14.0 | 14.4 | 32.0 | 359 | 150 | 128 | 127 | 80.0 | 38.5 | 24.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 138
MAXIMUM DAILY, 816 ON JUN 11
MINIMUM DAILY, 14.0B ON MAR 30
MAXIMUM INSTANTANEOUS,
831 AT 10:59 YST ON JUN 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 13 20 N
LONG 133 22 40 W
DRAINAGE AREA, 22 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 57 000 | JUL | 623 000 |
| FEB | 41 200 | AUG | 410 000 |
| MAR | 39 600 | SEP | 385 000 |
| APR | 53 400 | OCT | 428 000 |
| MAY | 489 000 | NOV | 140 000 |
| JUN | 1 590 000 | DEC | 78 500 |

TOTAL DISCHARGE, 4 330 000 dam³

YUKON TERRITORY

## PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.2B | 13.8B | 13.4B | 12.5B | 14.2B | 4 100E | --- | --- | 292 | 388 | 61.7B | 34.8B | 1 |
| 2 | 20.1B | 13.9B | 13.2B | 12.3B | 14.4B | 3 750E | --- | --- | 282 | 343 | 61.2B | 34.0B | 2 |
| 3 | 20.0B | 14.1B | 13.2B | 12.0B | 14.7B | 3 400E | --- | --- | 273 | 309 | 60.5B | 33.0B | 3 |
| 4 | 20.4B | 14.4B | 13.4B | 12.3B | 15.0B | 3 290A | --- | --- | 273 | 273 | 59.8B | 32.5B | 4 |
| 5 | 20.8B | 14.7B | 13.5B | 12.6B | 15.2B | 3 200 | --- | --- | 278 | 248 B | 58.0B | 33.0B | 5 |
| 6 | 19.9B | 15.0B | 13.5B | 13.0B | 15.4B | 3 000 | --- | --- | 291 | 235 B | 54.0B | 32.0B | 6 |
| 7 | 19.0B | 15.0B | 13.6B | 13.4B | 15.6B | 2 560 | --- | --- | 311 | 220 B | 51.0B | 32.0B | 7 |
| 8 | 18.5B | 15.0B | 13.7B | 13.0B | 15.8B | 2 310 | --- | --- | 332 | 200 B | 49.5B | 32.1B | 8 |
| 9 | 18.1B | 14.8B | 13.8B | 12.8B | 16.0B | 2 170 | --- | --- | 360 | 193 B | 49.0B | 32.1B | 9 |
| 10 | 18.0B | 14.6B | 13.9B | 12.6B | 16.6B | 2 060 | --- | --- | 373 | 186 B | 48.5B | 32.0B | 10 |
| 11 | 17.6B | 14.2B | 13.5B | 12.4B | 17.2B | 1 950 | --- | --- | 377 | 180 B | 48.3B | 31.5B | 11 |
| 12 | 17.5B | 14.1B | 13.3B | 12.1B | 17.9B | 1 840A | --- | --- | 407 | 175 B | 48.2B | 31.3B | 12 |
| 13 | 17.4B | 14.0B | 12.9B | 12.0B | 19.0B | --- | --- | --- | 444 | 169 B | 48.0B | 29.6B | 13 |
| 14 | 17.2B | 13.9B | 12.6B | 12.1B | 21.0B | --- | --- | --- | 445 | 162 B | 47.8B | 29.5B | 14 |
| 15 | 17.0B | 13.8B | 12.4B | 12.4B | 23.5B | --- | --- | --- | 425 | 159 B | 46.0B | 29.5B | 15 |
| 16 | 17.0B | 13.6B | 12.2B | 12.5B | 27.0E | --- | --- | --- | 413 | 155 B | 43.7B | 29.7B | 16 |
| 17 | 17.1B | 13.4B | 12.3B | 12.6B | 30.0E | --- | --- | --- | 404 | 150 B | 42.5B | 29.8B | 17 |
| 18 | 17.0B | 13.0B | 12.5B | 12.9B | 34.0E | --- | --- | --- | 393 | 147 B | 42.0B | 29.9B | 18 |
| 19 | 16.5B | 12.8B | 12.7B | 12.9B | 39.5E | --- | --- | --- | 379 | 142 B | 42.0B | 29.6B | 19 |
| 20 | 16.0B | 12.6B | 13.0B | 13.0B | 65.0E | --- | 308A | --- | 368 | 115 B | 42.0B | 28.0B | 20 |
| 21 | 15.6B | 12.5B | 13.1B | 13.1B | 110 E | --- | --- | --- | 357 | 95.5B | 41.8B | 27.0B | 21 |
| 22 | 15.5B | 12.5B | 13.1B | 13.2B | 160 E | --- | --- | --- | 360 | 92.5B | 41.0B | 26.6B | 22 |
| 23 | 15.5B | 12.6B | 13.2B | 13.3B | 230 E | --- | --- | --- | 370 | 89.6B | 38.5B | 26.4B | 23 |
| 24 | 15.3B | 12.8B | 13.0B | 13.4B | 350 E | --- | --- | --- | 386 | 83.8B | 36.0B | 26.2B | 24 |
| 25 | 15.4B | 13.0B | 12.6B | 13.4B | 500 E | --- | --- | 425A | 420 | 76.0B | 35.5B | 26.0B | 25 |
| 26 | 15.5B | 13.1B | 12.4B | 13.5B | 800 E | --- | --- | 432 | 445 | 72.0B | 35.0B | 26.0B | 26 |
| 27 | 15.3B | 13.3B | 12.1B | 13.5B | 1 200 E | --- | --- | 395 | 455 | 69.0B | 35.0B | 26.1B | 27 |
| 28 | 15.0B | 13.4B | 11.9B | 13.6B | 1 850 E | --- | --- | 357 | 475 | 66.0B | 35.1B | 26.2B | 28 |
| 29 | 14.4B | | 12.0B | 13.8B | 3 100 E | --- | --- | 322 | 470 | 64.0B | 35.1B | 26.1B | 29 |
| 30 | 14.2B | | 12.4B | 14.0B | 4 800 E | --- | --- | 316 | 432 | 62.5B | 35.0B | 26.0B | 30 |
| 31 | 14.0B | | 12.5B | | 6 500 E | | --- | 306 | | 61.8B | | 25.9B | 31 |
| TOTAL | 531.0 | 383.9 | 401.0 | 386.4 | 18 047.0 | --- | --- | --- | 11 289 | 4 981.7 | 1 371.7 | 913.4 | TOTAL |
| MEAN | 17.1 | 13.7 | 12.9 | 12.9 | 582 | --- | --- | --- | 376 | 161 | 45.7 | 29.5 | MEAN |
| MAX | 20.8 | 15.0 | 13.9 | 14.0 | 4 800 | --- | --- | --- | 475 | 388 | 61.7 | 34.8 | MAX |
| MIN | 14.0 | 12.5 | 11.9 | 12.0 | 14.2 | --- | --- | --- | 272 | 61.8 | 35.0 | 25.9 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4 800E ON MAY 30
MINIMUM DAILY, 11.9B ON MAR 28

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 33 50 N
LONG 139 53 00 W
DRAINAGE AREA, 55 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 45 900 | JUL | --- |
| FEB | 33 200 | AUG | --- |
| MAR | 34 600 | SEP | 975 000 |
| APR | 33 400 | OCT | 430 000 |
| MAY | 1 560 000 | NOV | 119 000 |
| JUN | --- | DEC | 78 900 |

## PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16.0B | 12.7B | 12.5B | 11.8B | 14.6B | 3 000E | 363 | 578 | 215E | 270 E | 58.0B | 28.0B | 1 |
| 2 | 16.0B | 12.6B | 12.4B | 11.7B | 14.6B | 2 600E | 320 | 772 | 217E | 245 E | 53.0B | 27.5B | 2 |
| 3 | 16.0B | 12.7B | 12.3B | 11.5B | 14.9B | 2 200E | 290 | 916 | 225E | 220 E | 52.0B | 27.0B | 3 |
| 4 | 16.3B | 13.0B | 12.4B | 11.4B | 15.1B | 2 000E | 324 | 960 | 238E | 200 E | 49.0B | 26.5B | 4 |
| 5 | 16.5B | 13.4B | 12.6B | 11.6B | 15.3B | 1 680 | 418 | 980 | 250E | 185 E | 46.0B | 26.3B | 5 |
| 6 | 16.2B | 13.8B | 12.8B | 11.9B | 15.4B | 1 450 | 599 | 832 | 265E | 178 B | 44.0B | 26.3B | 6 |
| 7 | 15.8B | 13.9B | 12.9B | 12.2B | 15.5B | 1 170 | 590 | 670 | 282E | 170 B | 43.0B | 26.4B | 7 |
| 8 | 15.5B | 13.9B | 13.0B | 12.5B | 15.7B | 1 120 | 476 | 546 | 305E | 165 B | 42.0B | 26.4B | 8 |
| 9 | 15.2B | 13.8B | 13.0B | 12.4B | 16.0B | 1 100 | 380 | 458 | 325E | 160 B | 41.5B | 26.2B | 9 |
| 10 | 15.1B | 13.7B | 13.1B | 12.0B | 19.9B | 1 020 | 308 | 404 | 345E | 152 B | 41.0B | 25.5B | 10 |
| 11 | 15.0B | 13.5B | 13.0B | 11.9B | 18.3B | 963 | 259 | 414 | 355E | 150 B | 41.5B | 25.0B | 11 |
| 12 | 15.0B | 13.5B | 12.8B | 11.7B | 16.6B | 816 | 248 | 441 | 354E | 146 B | 40.5B | 24.0B | 12 |
| 13 | 14.9B | 13.3B | 12.6B | 11.5B | 17.5B | 774 | 369 | 454 | 347E | 141 B | 40.0B | 24.0B | 13 |
| 14 | 14.8B | 13.2B | 12.1B | 11.6B | 18.5B | 875 | 385 | 433 | 335E | 139 B | 37.0B | 24.0B | 14 |
| 15 | 14.9B | 13.0B | 11.8B | 12.0B | 20.0B | 871 | 311 | 390 | 322E | 132 B | 35.0B | 24.0B | 15 |
| 16 | 15.0B | 12.8B | 11.7B | 12.1B | 23.0B | 982 | 257 | 346 | 313E | 130 B | 34.5B | 23.8B | 16 |
| 17 | 14.9B | 12.6B | 11.6B | 12.4B | 25.5B | 1 430 | 326 | 303 | 302E | 127 E | 34.5B | 23.7B | 17 |
| 18 | 14.7B | 12.5B | 11.6B | 12.5B | 30.0B | 1 470 | 211 | 275 | 295E | 120 B | 34.5B | 23.0B | 18 |
| 19 | 14.3B | 12.3B | 11.8B | 12.6B | 35.0B | 1 100 | 209 | 260 | 285E | 96.0B | 34.2B | 22.5B | 19 |
| 20 | 14.1B | 12.0B | 12.1B | 12.6B | 43.0B | 884 | 209 | 252 | 283E | 83.0B | 34.0B | 22.3B | 20 |
| 21 | 14.0B | 12.0B | 12.2B | 12.9B | 60.0B | 784 | 217 | 256 | 290E | 80.0B | 33.5B | 22.1B | 21 |
| 22 | 14.0B | 12.0B | 12.4B | 13.0B | 90.0B | 972 | 209 | 307 | 315E | 76.0B | 32.5B | 22.0B | 22 |
| 23 | 13.8B | 12.1B | 12.5B | 13.4B | 150 B | 1 070 | 183 | 372 | 330E | 74.0B | 31.0B | 22.0B | 23 |
| 24 | 13.7B | 12.1B | 12.2B | 13.5B | 260 B | 895 | 164 | 381 | 350E | 66.0B | 29.5B | 22.0B | 24 |
| 25 | 13.6B | 12.2B | 12.0B | 13.7B | 370 E | 719 | 148 | 346 | 365E | 63.0B | 28.5B | 22.0B | 25 |
| 26 | 13.5B | 12.3B | 12.0B | 13.8B | 740 E | 597 | 144 | 305A | 377E | 60.0B | 28.0B | 22.1B | 26 |
| 27 | 13.4B | 12.5B | 11.8B | 14.0B | 1 400 E | 513 | 153 | 280E | 379E | 59.0B | 28.5B | 22.3B | 27 |
| 28 | 13.2B | 12.6B | 11.6B | 14.1B | 2 500 E | 455 | 196 | 260E | 365E | 57.0B | 28.0B | 22.2B | 28 |
| 29 | 13.0B | | 11.5B | 14.4B | 4 140 E | 408 | 449 | 245E | 330E | 56.0B | 28.0B | 22.0B | 29 |
| 30 | 12.9B | | 11.6B | 14.5B | 3 700 E | 378 | 484 | 230E | 300E | 55.0B | 28.5B | 21.9B | 30 |
| 31 | 12.8B | | 11.8B | | 3 350 E | | 507 | 222E | | 54.0B | | 21.5B | 31 |
| TOTAL | 454.1 | 360.0 | 379.7 | 377.2 | 17 164.4 | 34 256 | 9 606 | 13 884 | 9 259 | 3 909.0 | 1 127.2 | 748.5 | TOTAL |
| MEAN | 14.6 | 12.9 | 12.2 | 12.6 | 554 | 1 140 | 310 | 448 | 309 | 126 | 37.6 | 24.0 | MEAN |
| MAX | 16.5 | 13.9 | 13.1 | 14.5 | 4 140 | 3 000 | 599 | 980 | 379 | 270 | 54.0 | 28.0 | MAX |
| MIN | 12.8 | 12.0 | 11.5 | 11.4 | 14.6 | 378 | 144 | 222 | 215 | 54.0 | 28.0 | 21.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 251
MAXIMUM DAILY, 4 140E ON MAY 29
MINIMUM DAILY, 11.4B ON APR 4

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 26 25 N
LONG 137 47 01 W
DRAINAGE AREA, 36 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 39 200 | JUL | 830 000 |
| FEB | 31 100 | AUG | 1 200 000 |
| MAR | 32 800 | SEP | 000 000 |
| APR | 32 600 | OCT | 338 000 |
| MAY | 1 480 000 | NOV | 97 400 |
| JUN | 2 960 000 | DEC | 64 300 |

TOTAL DISCHARGE, 7 910 000 dam³

YUKON TERRITORY

QUIET LAKE AT KILOMETRE 98 SOUTH CANOL ROAD - STATION NO. 09AG002

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 6.849 | --- | --- | 6.828 | 6.780 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 6.889 | --- | --- | 6.833 | 6.777 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 6.920 | --- | --- | 6.835 | 6.779 | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 6.940 | --- | --- | 6.831 | 6.777 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 6.958 | --- | --- | 6.831 | 6.778 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 6.977 | --- | --- | 6.828 | 6.785 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 7.010 | --- | --- | 6.837 | 6.788 | --- | 6.610A | 7 |
| 8 | --- | --- | --- | --- | --- | 7.068 | --- | --- | 6.836 | 6.787 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 7.136 | --- | --- | 6.828 | 6.787 | --- | --- | 9 |
| 10 | --- | 6.630A | --- | --- | --- | 7.198 | --- | --- | 6.831 | 6.789 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 7.240 | --- | --- | 6.826 | 6.782 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 7.278 | --- | --- | 6.826 | 6.781 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 7.306 | --- | --- | 6.827 | 6.784 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 7.316 | --- | 6.904A | 6.825 | 6.786 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 7.319 | --- | 6.894 | 6.820 | 6.780 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 7.314 | --- | 6.880 | 6.818 | 6.776 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 7.310A | --- | 6.873 | 6.818 | 6.772 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 7.308 | --- | 6.860 | 6.815 | 6.768 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 7.311 | --- | 6.857 | 6.803 | 6.769 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 7.318 | --- | 6.855 | 6.804 | 6.759 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 7.313 | --- | 6.852 | 6.795 | 6.762 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 7.302 | --- | 6.849 | 6.797 | 6.770 | --- | --- | 22 |
| 23 | --- | --- | --- | 6.635A | --- | 7.296 | --- | 6.846 | 6.801 | 6.769 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 7.287 | --- | 6.842 | 6.803 | 6.771 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 7.282 | --- | 6.836 | 6.803 | 6.774 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 7.280A | --- | 6.838 | 6.799 | 6.778A | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | 6.839 | 6.792 | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | 6.840 | 6.780 | --- | --- | --- | 28 |
| 29 | --- | | --- | --- | 6.800A | --- | --- | 6.833 | 6.774 | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | 6.771 | --- | --- | 6.837 | 6.779 | --- | --- | --- | 30 |
| 31 | --- | | --- | | 6.811 | | --- | 6.836 | | --- | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | 6.814 | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | 6.837 | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | 6.774 | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.319 ON JUN 15

MAXIMUM INSTANTANEOUS,
7.322 AT 09:13 YST ON JUN 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 35 N
LONG 133 04 50 W

A - MANUAL GAUGE

NATURAL FLOW

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 14.8B | 11.7 B | 4.90B | 4.45B | 5.50B | 230 E | 96.6 | 51.5 | 39.0E | 46.7 | 38.5B | 29.7B | 1 |
| 2 | 15.0B | 11.8 B | 4.95B | 4.55B | 5.70B | 255 E | 94.4 | 52.6 | 39.1E | 57.1 | 38.0B | 28.5B | 2 |
| 3 | 15.2B | 11.9 B | 5.00B | 4.60B | 6.00B | 298 E | 91.2 | 54.2 | 39.3E | 77.2 | 37.0B | 27.8B | 3 |
| 4 | 15.6B | 12.0 B | 5.05B | 4.68B | 6.40B | 290 E | 88.5 | 58.8 | 40.0E | 87.5 | 36.8B | 27.5B | 4 |
| 5 | 15.9B | 12.2 B | 5.10B | 4.70B | 6.80B | 281 | 86.9 | 63.0 | 40.4 | 89.0 | 36.5B | 27.0B | 5 |
| 6 | 15.4B | 12.4 B | 5.15B | 4.80B | 7.30B | 271 | 85.7 | 63.7 | 42.1 | 85.3 | 36.0B | 26.8B | 6 |
| 7 | 14.6B | 12.5 B | 5.20B | 4.95B | 8.10B | 247 | 83.6 | 63.8 | 42.7 | 79.2 | 35.5B | 26.8B | 7 |
| 8 | 14.1B | 12.0 B | 5.23B | 4.90B | 9.00B | 229 | 79.4 | 64.7 | 42.7 | 74.3 | 35.0B | 26.9B | 8 |
| 9 | 14.0B | 11.4 B | 5.18B | 4.65B | 9.80B | 228 | 76.1 | 64.5 | 43.3 | 69.6 | 34.5B | 26.5B | 9 |
| 10 | 14.5B | 10.5 B | 5.00B | 4.50B | 11.0 B | 248 | 73.9 | 62.8 | 46.1 | 66.6 | 34.5B | 26.0B | 10 |
| 11 | 14.8B | 9.75B | 4.85B | 4.35B | 12.5 B | 250 | 70.7 | 60.6 | 52.0 | 64.0 | 34.3B | 25.8B | 11 |
| 12 | 15.0B | 9.60B | 4.70B | 4.22B | 14.0 B | 248 | 70.5 | 58.9 | 57.8 | 61.6 | 34.0B | 25.5B | 12 |
| 13 | 14.9B | 7.80B | 4.60B | 4.25B | 16.4 B | 246 | 75.4 | 57.7 | 59.9 | 61.2 | 34.0B | 25.5B | 13 |
| 14 | 14.8B | 7.25B | 4.65B | 4.35B | 20.0 B | 241 | 77.3 | 57.1 | 60.2 | 61.8 | 33.8B | 25.3B | 14 |
| 15 | 14.4B | 7.25B | 4.70B | 4.42B | 23.5 B | 225 | 75.7 | 57.3 | 59.0 | 62.6 | 33.5B | 25.0B | 15 |
| 16 | 14.2B | 7.20B | 4.72B | 4.54B | 31.0 B | 210 | 73.0 | 55.8 | 56.8 | 61.4 | 33.3B | 24.5B | 16 |
| 17 | 13.8B | 7.10B | 4.75B | 4.60B | 36.5 B | 198 A | 71.7 | 54.0 | 54.6 | 59.8 | 33.0B | 24.0B | 17 |
| 18 | 13.6B | 6.80B | 4.78B | 4.55B | 42.0 B | 183 | 74.6 | 51.8 | 52.6 | 56.4 | 32.7B | 23.8B | 18 |
| 19 | 13.3B | 6.50B | 4.80B | 4.50B | 53.0 B | 162 | 82.8 | 49.3 | 50.5 | 53.0 | 32.5B | 23.6B | 19 |
| 20 | 12.9B | 6.10B | 4.83B | 4.50B | 63.0 B | 152 | 101 | 48.1 | 47.7 | 46.9 | 32.0B | 23.0B | 20 |
| 21 | 12.6B | 5.75B | 4.85B | 4.50B | 77.0 B | 150 | 111 | 47.0 | 45.9 | 46.1 | 32.5B | 22.5B | 21 |
| 22 | 12.0B | 5.50B | 4.88B | 4.55B | 98.0 B | 145 | 105 | 45.7 | 44.4 | 46.1 | 32.3B | 22.0B | 22 |
| 23 | 11.7B | 5.25B | 4.82B | 4.60B | 125 B | 139 | 95.4 | 44.5 | 43.4 | 45.5 | 32.0B | 21.5B | 23 |
| 24 | 11.5B | 5.00B | 4.75B | 4.63B | 152 | 132 | 85.8 | 43.5 | 42.9 | 44.3 | 31.5B | 20.3B | 24 |
| 25 | 11.4B | 4.70B | 4.70B | 4.70B | 145 | 123 | 76.5 | 42.6 | 42.5 | 43.0B | 30.8B | 19.5B | 25 |
| 26 | 11.4B | 4.75B | 4.60B | 4.80B | 140 | 115 | 69.9 | 42.3 | 42.2 | 42.5B | 30.5B | 19.3B | 26 |
| 27 | 11.4B | 4.78B | 4.48B | 4.90B | 137 | 108 | 63.6 | 41.8 | 42.3 | 42.0B | 30.0B | 19.2B | 27 |
| 28 | 11.5B | 4.80B | 4.27B | 5.00B | 138 | 102 | 59.4 | 41.2 | 42.5 | 41.5B | 30.0B | 19.5B | 28 |
| 29 | 11.5B | | 4.30B | 5.10B | 149 | 100 | 55.7 | 40.4 | 42.9 | 41.0B | 29.9B | 19.6B | 29 |
| 30 | 11.6B | | 4.34B | 5.25B | 175 E | 98.2 | 53.5 | 39.3 | 43.8 | 40.0B | 29.8B | 19.3B | 30 |
| 31 | 11.7B | | 4.38B | | 205 E | | 51.8 | 38.6E | | 39.0B | | 19.1B | 31 |
| TOTAL | 419.1 | 232.88 | 148.43 | 139.09 | 1 928.50 | 5 906.2 | 2 456.6 | 1 617.4 | 1 398.6 | 1 792.2 | 1 006.7 | 741.3 | TOTAL |
| MEAN | 13.5 | 8.32 | 4.79 | 4.64 | 62.2 | 197 | 79.2 | 52.2 | 46.6 | 57.8 | 33.5 | 23.9 | MEAN |
| MAX | 15.9 | 12.5 | 5.23 | 5.25 | 205 | 298 | 111 | 64.8 | 60.2 | 89.0 | 38.5 | 29.7 | MAX |
| MIN | 11.4 | 4.70 | 4.27 | 4.22 | 5.50 | 98.2 | 51.8 | 38.6 | 39.0 | 39.0 | 29.8 | 19.1 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.7
MAXIMUM DAILY, 298E ON JUN 3
MINIMUM DAILY, 4.22B ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 59 40 N
LONG 132 22 40 W
DRAINAGE AREA, 7 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 36 200 | JUL | 212 000 |
| FEB | 20 100 | AUG | 140 000 |
| MAR | 12 800 | SEP | 121 000 |
| APR | 12 000 | OCT | 155 000 |
| MAY | 167 000 | NOV | 86 800 |
| JUN | 510 000 | DEC | 64 000 |

TOTAL DISCHARGE, 1 540 000 dam³

YUKON TERRITORY

## SEKULMUN LAKE NEAR WHITEHORSE - STATION NO. 08AA007

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.073 | 2.084E | 2.035 | 2.136A | 2.317 | 2.523 | 2.632 | 2.309 | 2.302 | 2.217 | 2.122 | 2.088 | 1 |
| 2 | 2.074 | 2.087E | 2.047 | 2.136 | 2.320 | 2.524 | 2.615 | 2.313 | 2.302 | 2.213 | 2.121 | 2.087 | 2 |
| 3 | 2.077 | 2.089A | 2.033 | 2.145 | 2.319 | 2.530 | 2.599 | 2.328 | 2.297 | 2.211 | 2.119 | 2.084 | 3 |
| 4 | 2.063 | 2.106 | 2.040 | 2.144 | 2.337 | 2.538 | 2.580 | 2.342 | 2.297 | 2.211 | 2.121 | 2.084 | 4 |
| 5 | 2.053 | 2.105 | 2.061 | 2.145 | 2.342 | 2.542 | 2.564 | 2.350 | 2.297 | 2.212 | 2.121 | 2.084 | 5 |
| 6 | 2.050A | 2.103 | 2.057 | 2.152 | 2.348 | 2.553 | 2.550 | 2.361 | 2.281 | 2.210 | 2.120 | 2.084 | 6 |
| 7 | 2.048E | 2.096 | 2.057 | 2.156 | 2.358 | 2.591 | 2.537 | 2.362 | 2.287 | 2.205 | 2.119 | 2.083 | 7 |
| 8 | 2.049E | 2.095 | 2.060 | 2.166 | 2.364 | 2.661 | 2.528 | 2.362 | 2.282 | 2.203 | 2.117 | 2.082 | 8 |
| 9 | 2.053E | 2.098 | 2.058 | 2.171 | 2.368 | 2.729 | 2.518 | 2.357 | 2.275 | 2.204 | 2.119 | 2.083 | 9 |
| 10 | 2.054E | 2.097 | 2.058 | 2.175 | 2.373 | 2.781 | 2.504 | 2.355 | 2.275 | 2.206 | 2.118 | 2.085 | 10 |
| 11 | 2.054E | 2.093 | 2.055 | 2.181 | 2.383 | 2.819 | 2.490 | 2.352 | 2.272 | 2.206 | 2.114 | 2.082 | 11 |
| 12 | 2.056E | 2.088 | 2.052 | 2.190 | 2.390 | 2.830 | 2.476 | 2.348 | 2.272 | 2.201 | 2.116 | 2.081 | 12 |
| 13 | 2.058E | 2.083 | 2.048 | 2.197 | 2.397 | 2.822 | 2.461 | 2.352 | 2.274 | 2.204 | 2.121 | 2.076 | 13 |
| 14 | 2.061E | 2.082 | 2.050 | 2.201 | 2.398 | 2.817 | 2.443 | 2.355 | 2.270 | 2.204 | 2.120 | 2.079 | 14 |
| 15 | 2.060E | 2.078 | 2.049 | 2.213 | 2.409 | 2.803 | 2.431 | 2.352 | 2.261 | 2.200 | 2.116 | 2.081 | 15 |
| 16 | 2.062E | 2.078 | 2.047 | 2.212 | 2.416 | 2.788 | 2.428 | 2.358 | 2.260 | 2.199 | 2.118 | 2.076 | 16 |
| 17 | 2.063E | 2.080 | 2.039 | 2.219 | 2.416 | 2.775 | 2.418 | 2.345 | 2.255 | 2.204 | 2.117 | 2.077 | 17 |
| 18 | 2.063E | 2.072 | 2.042 | 2.229 | 2.427 | 2.762 | 2.414 | 2.340 | 2.246 | 2.186 | 2.119 | 2.074 | 18 |
| 19 | 2.065E | 2.067 | 2.040 | 2.234 | 2.432 | 2.756 | 2.405 | 2.338 | 2.246 | 2.161 | 2.116 | 2.078 | 19 |
| 20 | 2.067E | 2.065 | 2.045 | 2.241 | 2.437 | 2.761 | 2.397 | 2.334 | 2.247 | 2.149 | 2.110 | 2.079 | 20 |
| 21 | 2.068E | 2.057 | 2.040A | 2.249 | 2.448 | 2.742 | 2.395 | 2.337 | 2.250 | 2.142 | 2.117 | 2.078 | 21 |
| 22 | 2.069E | 2.044 | 2.048E | 2.256 | 2.453 | 2.726 | 2.390 | 2.332 | 2.238 | 2.140 | 2.119 | 2.079 | 22 |
| 23 | 2.072E | 2.053 | 2.057E | 2.264 | 2.460 | 2.713 | 2.385 | 2.327 | 2.233 | 2.144 | 2.120 | 2.078 | 23 |
| 24 | 2.071E | 2.039 | 2.064E | 2.270 | 2.469 | 2.697 | 2.372 | 2.331 | 2.232 | 2.141 | 2.121 | 2.078 | 24 |
| 25 | 2.073E | 2.032 | 2.072E | 2.272 | 2.475 | 2.685 | 2.362 | 2.320 | 2.230 | 2.137 | 2.118 | 2.080 | 25 |
| 26 | 2.075E | 2.025 | 2.084E | 2.277 | 2.481 | 2.679 | 2.352 | 2.311 | 2.226 | 2.129 | 2.116 | 2.080A | 26 |
| 27 | 2.077E | 2.027 | 2.096E | 2.286 | 2.488 | 2.675 | 2.346 | 2.311 | 2.227 | 2.124 | 2.111 | 2.076E | 27 |
| 28 | 2.079E | 2.030 | 2.108E | 2.294 | 2.491 | 2.672 | 2.340 | 2.317 | 2.227 | 2.122 | 2.104 | 2.071E | 28 |
| 29 | 2.080E | | 2.114E | 2.302 | 2.499 | 2.660 | 2.330 | 2.318 | 2.224 | 2.120 | 2.098 | 2.064E | 29 |
| 30 | 2.081E | | 2.123E | 2.306 | 2.509 | 2.647 | 2.324 | 2.315 | 2.221 | 2.120 | 2.091 | 2.061E | 30 |
| 31 | 2.083E | | 2.130E | | 2.515 | | 2.319 | 2.309 | | 2.122 | | 2.059E | 31 |
| MEAN | 2.066 | 2.073 | 2.062 | 2.214 | 2.414 | 2.693 | 2.449 | 2.337 | 2.261 | 2.176 | 2.116 | 2.078 | MEAN |
| MAX | 2.083 | 2.106 | 2.130 | 2.306 | 2.515 | 2.830 | 2.632 | 2.362 | 2.302 | 2.217 | 2.122 | 2.088 | MAX |
| MIN | 2.048 | 2.025 | 2.033 | 2.136 | 2.317 | 2.523 | 2.319 | 2.309 | 2.221 | 2.120 | 2.091 | 2.059 | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 2.245
MAXIMUM DAILY, 2.830 ON JUN 12
MINIMUM DAILY, 2.025 ON FEB 26
MAXIMUM INSTANTANEOUS,
2.837 AT 16:40 YST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 32 25 N
LONG 137 33 00 W

A - MANUAL GAUGE
E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NATURAL FLOW

## SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 08AA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.900B | 0B | 0B | 0 B | 7.38 | 10.7 | 17.6 | 7.60 | 6.73 | 4.78 | 2.10 B | 0.360B | 1 |
| 2 | 0.650B | 0B | 0B | 0 B | 7.41 | 12.1E | 17.0 | 7.63 | 6.82 | 4.68 | 2.04 B | 0.355B | 2 |
| 3 | 0.400B | 0B | 0B | 0 B | 8.20 | 12.7E | 16.6 | 8.02 | 6.82 | 4.62 | 1.94 B | 0.340B | 3 |
| 4 | 0.300B | 0B | 0B | 0 B | 9.63 | 13.3E | 16.0 | 8.38 | 6.71 | 4.62 | 1.85 B | 0.330B | 4 |
| 5 | 0.200B | 0B | 0B | 0 B | 10.3 | 14.0A | 15.4 | 8.72 | 6.65 | 4.56 | 1.73 B | 0.320B | 5 |
| 6 | 0.180B | 0B | 0B | 0 B | 10.0 | 18.4 | 14.9 | 8.92 | 6.58 | 4.63 | 1.65 B | 0.315B | 6 |
| 7 | 0.150B | 0B | 0B | 0 B | 7.83 | 15.7 | 14.5 | 8.99 | 6.56 | 4.80 | 1.54 B | 0.305B | 7 |
| 8 | 0.140B | 0B | 0B | 0 B | 4.60 | 18.0 | 14.2 | 8.92 | 6.40 | 4.68 | 1.45 B | 0.300B | 8 |
| 9 | 0.140B | 0B | 0B | 0 B | 3.49 | 20.1 | 13.9 | 8.76 | 6.23 | 4.41 | 1.39 B | 0.280B | 9 |
| 10 | 0.130B | 0B | 0B | 0 B | 3.66 | 21.6 | 13.5 | 8.74 | 6.18 | 4.68 | 1.31 B | 0.270B | 10 |
| 11 | 0.120B | 0B | 0B | 0 B | 4.11 | 22.6 | 13.1 | 8.53 | 6.16 | 4.35 | 1.24 B | 0.260B | 11 |
| 12 | 0.100B | 0B | 0B | 0 B | 4.47 | 22.9 | 12.7 | 8.38 | 6.10 | 4.41 | 1.20 B | 0.248B | 12 |
| 13 | 0.040B | 0B | 0B | 0 B | 4.67 | 22.7 | 12.2 | 8.58 | 6.32 | 4.56 | 1.16 B | 0.230B | 13 |
| 14 | 0.015B | 0B | 0B | 0 B | 4.65 | 22.5 | 11.8 | 8.65 | 6.05 | 3.88 | 1.12 B | 0.210B | 14 |
| 15 | 0.012B | 0B | 0B | 0 B | 4.67 | 22.1 | 11.7 | 8.67 | 5.96 | 3.73 | 1.08 B | 0.165B | 15 |
| 16 | 0.009B | 0B | 0B | 0 B | 4.67 | 21.6 | 11.4 | 8.55 | 6.15 | 3.70 | 0.995B | 0.145B | 16 |
| 17 | 0.008B | 0B | 0B | 0 B | 4.69 | 21.0 | 11.0 | 8.42 | 5.62 | 3.54 | 0.930B | 0.130B | 17 |
| 18 | 0.007B | 0B | 0B | 0 B | 5.01 | 20.9 | 11.0 | 8.28 | 5.49 | 3.48 | 0.870B | 0.120B | 18 |
| 19 | 0.006B | 0B | 0B | 0 B | 5.25 | 21.0 | 10.8 | 8.20 | 5.49 | 3.51 | 0.780B | 0.115B | 19 |
| 20 | 0 B | 0B | 0B | 0 B | 5.47 | 21.0 | 10.7 | 8.13 | 5.41 | 3.48 | 0.700B | 0.096B | 20 |
| 21 | 0 B | 0B | 0B | 0.003B | 5.52 | 20.5 | 10.6 | 8.07 | 5.34 | 3.36B | 0.630B | 0.083B | 21 |
| 22 | 0 B | 0B | 0B | 0.006B | 5.65 | 20.1 | 10.5 | 7.90 | 5.21 | 3.20B | 0.580B | 0.077B | 22 |
| 23 | 0 B | 0B | 0B | 0.011B | 5.79 | 19.6 | 10.2 | 7.71 | 5.27 | 3.04B | 0.550B | 0.072B | 23 |
| 24 | 0 B | 0B | 0B | 0.025B | 5.83 | 19.3 | 9.81 | 7.70 | 5.31 | 2.91B | 0.525B | 0.067B | 24 |
| 25 | 0 B | 0B | 0B | 0.050B | 5.98 | 19.0 | 9.54 | 7.51 | 5.22 | 2.77B | 0.500B | 0.063B | 25 |
| 26 | 0 B | 0B | 0B | 0.100B | 6.08 | 18.8 | 9.19 | 7.29 | 5.15 | 2.65B | 0.470B | 0.052B | 26 |
| 27 | 0 B | 0B | 0B | 0.130B | 6.83 | 18.6 | 8.86 | 7.32 | 5.09 | 2.55B | 0.440B | 0.047B | 27 |
| 28 | 0 B | 0B | 0B | 0.160B | 7.41 | 18.7 | 8.60 | 7.37 | 5.02 | 2.45B | 0.420B | 0.043B | 28 |
| 29 | 0 B | | 0B | 1.50 B | 8.07 | 18.2 | 8.30 | 7.30 | 4.94 | 2.40B | 0.400B | 0.038B | 29 |
| 30 | 0 B | | 0B | 3.00 B | 8.74 | 18.1 | 8.20 | 7.25 | 4.77 | 2.25B | 0.370B | 0.034B | 30 |
| 31 | 0 B | | 0B | | 9.76 | | 7.88 | 7.01 | | 2.18B | | 0.030B | 31 |
| TOTAL | 3.507 | 0 | 0 | 4.985 | 195.82 | 561.8 | 371.68 | 251.50 | 175.75 | 114.86 | 31.960 | 5.500 | TOTAL |
| MEAN | 0.113 | 0 | 0 | 0.166 | 6.32 | 18.7 | 12.0 | 8.11 | 5.86 | 3.71 | 1.07 | 0.177 | MEAN |
| MAX | 0.900 | 0 | 0 | 3.00 | 10.3 | 22.9 | 17.6 | 8.99 | 6.82 | 4.80 | 2.10 | 0.360 | MAX |
| MIN | 0 | 0 | 0 | 0 | 3.49 | 10.7 | 7.88 | 7.01 | 4.77 | 2.18 | 0.370 | 0.030 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.71
MAXIMUM DAILY, 22.9 ON JUN 12
MINIMUM DAILY, 0B ON JAN 20
MAXIMUM INSTANTANEOUS,
23.3 AT 11:20 YST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 50 N
LONG 137 31 57 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 303 | JUL | 32 100 |
| FEB | 0 | AUG | 21 700 |
| MAR | 0 | SEP | 15 200 |
| APR | 431 | OCT | 9 920 |
| MAY | 16 900 | NOV | 2 760 |
| JUN | 48 500 | DEC | 475 |

TOTAL DISCHARGE, 148 000 dam³

YUKON TERRITORY

## SIDNEY CREEK AT KILOMETRE 46 SOUTH CANOL ROAD - STATION NO. 09AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.50B | 1.28B | 1.07 B | 0.810B | 0.720B | 12.2 E | 5.42 | 2.17 | 2.42 | 4.43 | 1.12 B | 0.900B | 1 |
| 2 | 1.50B | 1.29B | 1.05 B | 0.800B | 0.730B | 16.5 E | 5.10 | 2.67 | 2.93 | 3.73 | 1.11 B | 0.940B | 2 |
| 3 | 1.52B | 1.30B | 1.03 B | 0.780B | 0.740B | 20.2 A | 5.21 | 2.85 | 4.21 | 3.36 | 1.14 B | 0.960B | 3 |
| 4 | 1.55B | 1.30B | 1.02 B | 0.770B | 0.750B | 32.8 | 5.45 | 2.44 | 3.64 | 3.20 | 1.15 B | 1.00 B | 4 |
| 5 | 1.58B | 1.32B | 1.02 B | 0.760B | 0.760B | 26.1 | 5.61 | 2.41 | 3.11 | 3.07 | 1.14 B | 1.02 B | 5 |
| 6 | 1.59B | 1.30B | 1.04 B | 0.770B | 0.770B | 26.9 | 5.27 | 3.30 | 2.94 | 3.02 | 1.15 B | 1.05 B | 6 |
| 7 | 1.57B | 1.28B | 1.05 B | 0.780B | 0.780B | 35.8 | 4.72 | 2.90 | 3.59 | 3.00 | 1.16 B | 1.06 B | 7 |
| 8 | 1.50B | 1.27B | 1.06 B | 0.770B | 0.790B | 48.0 | 4.89 | 2.69 | 3.45 | 2.78 | 1.17 B | 1.08 B | 8 |
| 9 | 1.48B | 1.28B | 1.06 B | 0.750B | 0.800B | 47.8 | 4.40 | 2.35 | 3.09 | 2.70B | 1.15 B | 1.09 B | 9 |
| 10 | 1.48B | 1.29B | 1.04 B | 0.740B | 0.810B | 40.6 | 4.09 | 2.24 | 3.01 | 2.62B | 1.14 B | 1.07 B | 10 |
| 11 | 1.50B | 1.27B | 1.00 B | 0.730B | 0.820B | 35.4 | 4.89 | 2.19 | 2.90 | 2.60B | 1.12 B | 1.05 B | 11 |
| 12 | 1.52B | 1.20B | 0.970B | 0.730B | 0.850B | 29.0 | 4.33 | 2.37 | 2.74 | 2.55B | 1.10 B | 1.01 B | 12 |
| 13 | 1.54B | 1.10B | 0.930B | 0.730B | 0.870B | 23.4 | 3.94 | 2.44 | 2.63 | 2.50B | 1.09 B | 0.980B | 13 |
| 14 | 1.50B | 1.05B | 0.900B | 0.720B | 0.910B | 17.5 | 3.69 | 2.10 | 2.55 | 2.43B | 1.10 B | 0.960B | 14 |
| 15 | 1.45B | 1.06B | 0.890B | 0.720B | 0.970B | 13.5 | 3.86 | 1.97 | 2.46 | 2.30B | 1.11 B | 0.930B | 15 |
| 16 | 1.35B | 1.08B | 0.880B | 0.710B | 1.02 B | 9.98 | 4.29 | 1.90 | 2.38 | 2.18B | 1.12 B | 0.920B | 16 |
| 17 | 1.32B | 1.11B | 0.890B | 0.710B | 1.10 B | 8.11 | 3.85 | 1.83 | 2.34 | 2.00B | 1.13 B | 0.910B | 17 |
| 18 | 1.30B | 1.15B | 0.910B | 0.710B | 1.20 B | 7.97 | 3.75 | 1.80 | 2.27 | 2.00B | 1.12 B | 0.905B | 18 |
| 19 | 1.28B | 1.10B | 0.930B | 0.705B | 1.30 B | 9.90 | 4.09 | 1.80 | 2.21 | 1.92B | 1.11 B | 0.900B | 19 |
| 20 | 1.27B | 1.05B | 0.920B | 0.700B | 1.50 B | 12.1 | 4.18 | 1.79 | 2.16 | 1.82B | 1.09 B | 0.910B | 20 |
| 21 | 1.27B | 1.00B | 0.910B | 0.700B | 1.60 E | 9.17 | 3.59 | 1.75 | 2.17 | 1.75B | 1.05 B | 0.920B | 21 |
| 22 | 1.28B | 1.00B | 0.900B | 0.700B | 1.80 E | 7.28 | 3.23 | 1.70 | 2.18 | 1.67B | 1.02 B | 0.940B | 22 |
| 23 | 1.30B | 1.00B | 0.900B | 0.700B | 2.00 E | 6.78 | 3.03 | 1.67 | 2.27 | 1.58B | 1.00 B | 0.960B | 23 |
| 24 | 1.31B | 1.02B | 0.900B | 0.700B | 2.50 E | 6.50 | 2.85 | 1.65 | 2.18 | 1.52B | 1.00 B | 0.980B | 24 |
| 25 | 1.29B | 1.04B | 0.890B | 0.700B | 3.00 E | 6.88 | 2.69 | 1.72 | 3.80 | 1.45B | 0.990B | 1.04 B | 25 |
| 26 | 1.27B | 1.06B | 0.870B | 0.705B | 3.50 E | 7.04 | 2.55 | 2.25 | 3.04 | 1.37B | 0.980B | 1.05 B | 26 |
| 27 | 1.26B | 1.07B | 0.830B | 0.705B | 4.00 E | 6.91 | 2.42 | 3.06 | 2.87 | 1.30B | 0.960B | 1.06 B | 27 |
| 28 | 1.28B | 1.05B | 0.800B | 0.710B | 5.20 E | 6.67 | 2.30 | 2.64 | 2.71 | 1.24B | 0.940B | 1.06 B | 28 |
| 29 | 1.29B | | 0.810B | 0.710B | 6.40 E | 6.58 | 2.15 | 2.33 | 2.61 | 1.16B | 0.920B | 1.05 B | 29 |
| 30 | 1.28B | | 0.813B | 0.720B | 8.00 E | 5.80 | 2.07 | 2.26 | 3.05 | 1.14B | 0.910B | 1.03 B | 30 |
| 31 | 1.28B | | 0.820B | | 10.0 E | | 2.01 | 2.72 | | 1.13B | | 1.02 B | 31 |
| TOTAL | 43.41 | 32.32 | 29.103 | 21.945 | 66.190 | 583.37 | 119.92 | 69.96 | 85.91 | 69.52 | 32.290 | 30.755 | TOTAL |
| MEAN | 1.40 | 1.15 | 0.939 | 0.732 | 2.14 | 18.1 | 3.87 | 2.26 | 2.86 | 2.24 | 1.08 | 0.992 | MEAN |
| MAX | 1.59 | 1.32 | 1.07 | 0.810 | 10.0 | 48.0 | 5.61 | 3.30 | 4.21 | 4.43 | 1.17 | 1.09 | MAX |
| MIN | 1.26 | 1.00 | 0.800 | 0.700 | 0.720 | 5.80 | 2.01 | 1.65 | 2.16 | 1.13 | 0.910 | 0.900 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.14
MAXIMUM DAILY, 48.0 ON JUN 8
MINIMUM DAILY, 0.700B ON APR 20
MAXIMUM INSTANTANEOUS,
54.1 AT 06:32 YST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 47 05 N
LONG 133 03 15 W
DRAINAGE AREA, 372 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 750 | JUL | 10 400 |
| FEB | 2 790 | AUG | 6 040 |
| MAR | 2 510 | SEP | 7 420 |
| APR | 1 900 | OCT | 6 010 |
| MAY | 5 720 | NOV | 2 790 |
| JUN | 46 900 | DEC | 2 660 |

TOTAL DISCHARGE, 98 900 dam³

## SNAKE RIVER NEAR THE MOUTH - STATION NO. 10MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.99B | 6.12B | 6.20B | 5.99B | 7.50B | 842 | 206 | 237 | 119 | 74.3 | 40.5B | 19.8B | 1 |
| 2 | 6.92B | 6.20B | 6.30B | 6.01B | 7.60B | 680 | 195 | 241 | 174 | 71.2 | 40.0B | 19.0B | 2 |
| 3 | 6.90B | 6.30B | 6.40B | 6.08B | 7.75B | 976 | 208 | 225 | 207 | 66.9 | 39.5B | 18.2B | 3 |
| 4 | 7.00B | 6.50B | 6.45B | 6.20B | 8.00B | 940 | 277 | 235 | 172 | 61.9 | 38.0B | 17.5B | 4 |
| 5 | 6.80B | 6.80B | 6.50B | 6.40B | 8.20B | 466 | 220 | 343 | 159 | 58.6 | 36.0B | 17.1B | 5 |
| 6 | 6.65B | 6.84B | 6.60B | 6.60B | 8.70B | 356 | 203 | 283 | 145 | 56.3 | 35.0B | 17.0B | 6 |
| 7 | 6.65B | 6.97B | 6.70B | 6.85B | 9.30B | 354 | 248 | 247 | 129 | 56.9 | 34.0B | 16.9B | 7 |
| 8 | 6.70B | 6.95B | 6.80B | 6.94B | 10.0 B | 355 | 247 | 208 | 159 | 56.3 | 33.2B | 16.8B | 8 |
| 9 | 6.92B | 6.80B | 6.78B | 6.93B | 11.0 B | 307 | 214 | 181 | 195 | 55.9 | 32.8B | 16.6B | 9 |
| 10 | 7.12B | 6.70B | 6.75B | 6.88B | 13.0 B | 307 | 230 | 165 | 168 | 56.0 | 32.0B | 16.4B | 10 |
| 11 | 7.20B | 6.58B | 6.65B | 6.70B | 16.8 B | 293 | 213 | 157 | 145 | 54.8 | 32.0B | 16.1B | 11 |
| 12 | 7.20B | 6.40B | 6.60B | 6.58B | 21.0 B | 385 | 189 | 155 | 127 | 54.0B | 32.0B | 15.8B | 12 |
| 13 | 6.80B | 6.50B | 6.40B | 6.40B | 27.0 B | 485 | 212 | 156 | 115 | 53.0B | 32.0B | 15.0B | 13 |
| 14 | 6.67B | 6.67B | 6.31B | 6.38B | 36.0 B | 566 | 199 | 142 | 106 | 52.0B | 30.5B | 14.0B | 14 |
| 15 | 6.60B | 6.60B | 6.20B | 6.40B | 46.0 B | 1 440 | 174 | 128 | 99.5 | 51.8B | 28.5B | 13.0B | 15 |
| 16 | 6.65B | 6.42B | 6.17B | 6.40B | 50.0 B | 794 | 160 | 119 | 95.1 | 50.0B | 26.2B | 12.6B | 16 |
| 17 | 6.75B | 6.29B | 6.19B | 6.40B | 80.0 B | 456 | 199 | 117 | 91.5 | 49.8B | 25.0B | 12.1B | 17 |
| 18 | 6.85B | 6.19B | 6.28B | 6.50B | 100 B | 351 | 371 | 285 | 90.3 | 49.3B | 24.5B | 12.0B | 18 |
| 19 | 6.82B | 6.02B | 6.40B | 6.60B | 130 B | 313 | 360 | 312 | 87.9 | 48.8B | 24.2B | 11.7B | 19 |
| 20 | 6.96B | 5.97B | 6.58B | 6.80B | 165 B | 363 | 265 | 258 | 85.1 | 48.1B | 24.1B | 11.5B | 20 |
| 21 | 6.90B | 5.95B | 6.65B | 6.82B | 220 B | 506 | 209 | 248 | 84.0 | 47.8B | 24.0B | 11.4B | 21 |
| 22 | 6.75B | 5.80B | 6.80B | 6.90B | 270 B | 442 | 177 | 246 | 81.8 | 46.0B | 24.0B | 11.3B | 22 |
| 23 | 6.58B | 5.75B | 6.80B | 6.89B | 350 B | 332 | 170 | 231 | 79.9 | 44.0B | 23.8B | 11.3B | 23 |
| 24 | 6.38B | 5.72B | 6.75B | 6.86B | 460 B | 271 | 174 | 211 | 78.7 | 42.5B | 23.5B | 11.3B | 24 |
| 25 | 6.20B | 5.71B | 6.60B | 6.80B | 646 | 239 | 169 | 184 | 80.5 | 42.0B | 23.0B | 11.2B | 25 |
| 26 | 6.10B | 5.73B | 6.45B | 6.81B | 828 | 226 | 169 | 162 | 79.3 | 41.5B | 22.8B | 11.1B | 26 |
| 27 | 5.98B | 5.80B | 6.35B | 6.83B | 950 | 218 | 229 | 146 | 77.3 | 41.0B | 22.5B | 11.0B | 27 |
| 28 | 5.95B | 5.90B | 6.20B | 7.00B | 974 | 217 | 223 | 133 | 75.9 | 41.0B | 22.0B | 10.9B | 28 |
| 29 | 5.96B | | 6.08B | 7.20B | 982 | 229 | 197 | 121 | 75.7 | 40.5B | 21.5B | 10.8B | 29 |
| 30 | 5.99B | | 6.00B | 7.40B | 953 | 225 | 185 | 114 | 75.3 | 40.5B | 20.5B | 10.7B | 30 |
| 31 | 6.00B | | 5.98B | | 926 | | 205 | 108 | | 40.5B | | 10.6B | 31 |
| TOTAL | 205.94 | 176.18 | 199.92 | 199.55 | 8 321.85 | 13 934 | 6 697 | 6 098 | 3 457.8 | 1 593.2 | 867.6 | 430.7 | TOTAL |
| MEAN | 6.64 | 6.29 | 6.45 | 6.65 | 268 | 464 | 216 | 197 | 115 | 51.4 | 28.9 | 13.9 | MEAN |
| MAX | 7.20 | 6.97 | 6.80 | 7.40 | 982 | 1 440 | 371 | 343 | 207 | 74.3 | 40.5 | 19.8 | MAX |
| MIN | 5.95 | 5.71 | 5.98 | 5.99 | 7.50 | 217 | 160 | 108 | 75.3 | 40.5 | 20.5 | 10.6 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 116
MAXIMUM DAILY, 1 440 ON JUN 15
MINIMUM DAILY, 5.71B ON FEB 25
MAXIMUM INSTANTANEOUS,
1 560 AT 07:00 YST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 58 10 N
LONG 134 01 40 W
DRAINAGE AREA, 8 910 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 17 800 | JUL | 579 000 |
| FEB | 15 200 | AUG | 527 000 |
| MAR | 17 300 | SEP | 299 000 |
| APR | 17 200 | OCT | 138 000 |
| MAY | 719 000 | NOV | 75 000 |
| JUN | 1 200 000 | DEC | 37 200 |

TOTAL DISCHARGE, 3 640 000 dam³

YUKON TERRITORY

## SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK - STATION NO. 09AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | 4.46 | 3.55 | 6.23 | 1.06 B | 0.365B | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | 5.57 | 4.24 | 5.32 | 1.02 B | 0.350B | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | 5.08 | 5.40 | 5.16 | 1.00 B | 0.340B | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | 4.49 | 5.09 | 5.05A | 0.915B | 0.325B | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | 4.49 | 4.86 | 4.74 | 0.870B | 0.317B | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | 5.19 | 4.82 | 4.67 | 0.850B | 0.312B | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | 4.83 | 5.24 | 4.63 | 0.810B | 0.308B | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | 4.49 | 5.08 | 4.58B | 0.805B | 0.305B | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | 4.19 | 4.84 | 4.53 | 0.800B | 0.308B | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | 4.06 | 4.70 | 4.67 | 0.780B | 0.310B | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | 3.96 | 4.50 | 4.56 | 0.730B | 0.312B | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | 4.57 | 4.36 | 4.49 | 0.680B | 0.310B | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | 4.42 | 4.19 | 4.51 | 0.610B | 0.300B | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | 3.99 | 4.04 | 4.40B | 0.590B | 0.290B | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | 3.75 | 3.96 | 4.20B | 0.530B | 0.280B | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | 3.56 | 3.87 | 4.00B | 0.490B | 0.275B | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | 3.51 | 3.76 | 3.85B | 0.470B | 0.270B | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | 3.61 | 3.68 | 3.50B | 0.440B | 0.265B | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | 3.55 | 3.56 | 3.30B | 0.435B | 0.275B | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | 3.39 | 3.47 | 3.00B | 0.430B | 0.270B | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | 3.29 | 3.44 | 2.85B | 0.435B | 0.274B | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | 3.18 | 3.38 | 2.30B | 0.440B | 0.278B | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | 3.10 | 3.46 | 2.12B | 0.440B | 0.282B | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | 3.06 | 4.91 | 2.00B | 0.435B | 0.275B | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | 3.11 | 4.41 | 1.82B | 0.420B | 0.270B | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | 3.58 | 3.96 | 1.70B | 0.385B | 0.270B | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | 3.69 | 3.87 | 1.57B | 0.375B | 0.276B | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | 3.48 | 3.84 | 1.40B | 0.373B | 0.280B | 28 |
| 29 | --- | | --- | --- | --- | --- | --- | 3.44 | 3.79 | 1.22B | 0.372B | 0.284B | 29 |
| 30 | --- | | --- | --- | --- | --- | 3.33A | 3.50 | 4.91 | 1.10B | 0.370B | 0.282B | 30 |
| 31 | --- | | --- | | --- | | 3.36 | 3.67 | | 1.08B | | 0.278B | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | 122.26 | 127.18 | 108.15 | 18.360 | 9.136 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | 3.94 | 4.24 | 3.49 | 0.612 | 0.295 | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | 5.57 | 5.40 | 6.23 | 1.06 | 0.365 | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | 3.06 | 3.38 | 1.08 | 0.370 | 0.265 | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 10 N
LONG 134 22 15 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | 10 600 |
| MAR | --- | SEP | 11 000 |
| APR | --- | OCT | 9 340 |
| MAY | --- | NOV | 1 590 |
| JUN | --- | DEC | 789 |

## SOUTH MACMILLAN RIVER AT KILOMETRE 401 CANOL ROAD - STATION NO. 09BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.21B | 1.69 B | 0.800B | 0.753B | 0.880B | 19.0E | 56.1 | 34.0 | 12.7 | 29.8 | 6.10B | 3.85B | 1 |
| 2 | 2.23B | 1.71 B | 0.815B | 0.760B | 0.900B | 27.0E | 57.2 | 38.5 | 12.8 | 24.9 | 6.05B | 3.82B | 2 |
| 3 | 2.33B | 1.73 B | 0.830B | 0.770B | 0.920B | 37.0E | 61.5 | 32.2 | 12.9 | 20.9 | 6.00B | 3.78B | 3 |
| 4 | 2.32B | 1.75 B | 0.840B | 0.770B | 0.960B | 46.0E | 54.9 | 28.4 | 12.7 | 18.4 | 5.90B | 3.75B | 4 |
| 5 | 2.30B | 1.77 B | 0.850B | 0.775B | 1.00 B | 60.0E | 49.9 | 25.2 | 13.4 | 16.7 | 5.80B | 3.73B | 5 |
| 6 | 2.22B | 1.74 B | 0.860B | 0.780B | 1.06 B | 72.0E | 45.8 | 32.6 | 13.5 | 15.5 | 5.70B | 3.70B | 6 |
| 7 | 2.18B | 1.61 B | 0.860B | 0.795B | 1.12 B | 81.0E | 45.0 | 30.5 | 15.5 | 14.6 | 5.60B | 3.65B | 7 |
| 8 | 2.19B | 1.53 B | 0.850B | 0.800B | 1.19 B | 80.0E | 43.7 | 28.8 | 17.9 | 13.7 | 5.50B | 3.60B | 8 |
| 9 | 2.22B | 1.40 B | 0.825B | 0.770B | 1.27 B | 78.0E | 40.2 | 27.8 | 19.9 | 13.1 | 5.30B | 3.55B | 9 |
| 10 | 2.29B | 1.32 B | 0.790B | 0.740B | 1.35 B | 76.3A | 41.1 | 25.2 | 18.8 | 14.2 | 5.25B | 3.55B | 10 |
| 11 | 2.31B | 1.24 B | 0.770B | 0.710B | 1.42 B | 87.8 | 53.9 | 24.5 | 17.6 | 15.4 | 5.10B | 3.50B | 11 |
| 12 | 2.30B | 1.17 B | 0.750B | 0.700B | 1.50 B | 99.7 | 48.8 | 29.4 | 16.3 | 15.2 | 5.00B | 3.45B | 12 |
| 13 | 2.23B | 1.10 B | 0.740B | 0.705B | 1.62 B | 103 | 36.8 | 27.2 | 15.1 | 16.1 | 4.90B | 3.40B | 13 |
| 14 | 2.16B | 1.10 B | 0.740B | 0.720B | 1.75 B | 102 | 32.3 | 23.6 | 14.4 | 16.8 | 4.80B | 3.30B | 14 |
| 15 | 2.11B | 1.08 B | 0.735B | 0.730B | 1.92 B | 108 | 31.5 | 22.1 | 13.8 | 14.9 | 4.60B | 3.25B | 15 |
| 16 | 2.07B | 1.06 B | 0.748B | 0.750B | 2.15 B | 85.4 | 34.6 | 21.8 | 14.1 | 12.1 | 4.40B | 3.20B | 16 |
| 17 | 2.00B | 1.03 B | 0.750B | 0.762B | 2.35 B | 63.5 | 37.7 | 21.6 | 14.1 | 11.7 | 4.30B | 3.10B | 17 |
| 18 | 1.97B | 1.00 B | 0.760B | 0.760B | 2.60 B | 58.3 | 54.1 | 22.5 | 13.4 | 11.0 B | 4.10B | 3.00B | 18 |
| 19 | 1.90B | 0.950B | 0.770B | 0.760B | 2.85 B | 72.9 | 52.1 | 21.5 | 12.9 | 10.6 B | 4.05B | 2.90B | 19 |
| 20 | 1.84B | 0.900B | 0.776B | 0.760B | 3.20 B | 104 | 36.9 | 19.2 | 12.7 | 10.0 B | 4.00B | 2.80B | 20 |
| 21 | 1.80B | 0.865B | 0.785B | 0.763B | 3.65 B | 89.0 | 30.9 | 18.0 | 12.2 | 9.75B | 3.90B | 2.85B | 21 |
| 22 | 1.75B | 0.830B | 0.790B | 0.765B | 4.10 B | 67.7 | 29.0 | 17.8 | 11.8 | 9.30B | 4.00B | 2.85B | 22 |
| 23 | 1.70B | 0.800B | 0.785B | 0.770B | 4.70 B | 61.6 | 28.4 | 17.6 | 11.4 | 8.70B | 4.05B | 2.80B | 23 |
| 24 | 1.67B | 0.770B | 0.780B | 0.780B | 5.40 B | 57.1 | 26.5 | 17.8 | 13.0 | 8.20B | 4.10B | 2.75B | 24 |
| 25 | 1.65B | 0.760B | 0.750B | 0.790B | 6.00 B | 56.9 | 25.8 | 16.9 | 13.6 | 7.90B | 4.15B | 2.70B | 25 |
| 26 | 1.67B | 0.765B | 0.730B | 0.800B | 7.00 B | 58.2 | 25.3 | 15.4 | 12.3 | 7.25B | 4.10B | 2.70B | 26 |
| 27 | 1.68B | 0.770B | 0.720B | 0.810B | 8.00 E | 63.1 | 25.3 | 14.0 | 12.3 | 6.60B | 4.00B | 2.75B | 27 |
| 28 | 1.69B | 0.780B | 0.715B | 0.825B | 9.20 E | 68.0 | 23.7 | 13.3 | 12.6 | 6.40B | 4.00B | 2.80B | 28 |
| 29 | 1.70B | | 0.720B | 0.840B | 11.0 E | 67.8 | 23.8 | 12.7 | 12.3 | 6.30B | 3.95B | 2.80B | 29 |
| 30 | 1.71B | | 0.720B | 0.860B | 13.1 E | 58.7 | 22.9 | 12.2 | 15.7 | 6.20B | 3.90B | 2.75B | 30 |
| 31 | 1.70B | | 0.730B | | 15.2 E | | 25.3 | 12.3 | | 6.00B | | 2.70B | 31 |
| TOTAL | 62.10 | 33.220 | 24.094 | 23.073 | 119.360 | 2 109.0 | 1 201.0 | 704.6 | 421.7 | 398.20 | 142.60 | 99.33 | TOTAL |
| MEAN | 2.00 | 1.19 | 0.777 | 0.769 | 3.85 | 70.3 | 38.7 | 22.7 | 14.1 | 12.8 | 4.75 | 3.20 | MEAN |
| MAX | 2.33 | 1.77 | 0.860 | 0.860 | 15.2 | 108 | 61.5 | 38.5 | 19.9 | 29.8 | 6.10 | 3.85 | MAX |
| MIN | 1.65 | 0.760 | 0.715 | 0.700 | 0.880 | 19.0 | 22.9 | 12.2 | 11.8 | 6.00 | 3.90 | 2.70 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.6
MAXIMUM DAILY, 108 ON JUN 15
MINIMUM DAILY, 0.700B ON APR 12
MAXIMUM INSTANTANEOUS,
112 AT 08:02 YST ON JUN 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 55 20 N
LONG 130 32 30 W
DRAINAGE AREA, 997 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 370 | JUL | 104 000 |
| FEB | 2 870 | AUG | 60 900 |
| MAR | 2 080 | SEP | 36 400 |
| APR | 1 990 | OCT | 34 400 |
| MAY | 10 300 | NOV | 12 300 |
| JUN | 182 000 | DEC | 8 580 |

TOTAL DISCHARGE, 461 000 dam³

YUKON TERRITORY

## STEWART RIVER ABOVE FRASER FALLS - STATION NO. 09DC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56.0B | 36.0B | 20.2B | 21.5B | 30.1B | 1 310E | 908 | 611 | 282 | 240 | 110 B | 70.0B | 1 |
| 2 | 55.8B | 35.0B | 20.5B | 21.6B | 31.0B | 1 400A | 830 | 853 | 279 | 274 | 109 B | 66.0B | 2 |
| 3 | 56.0B | 34.2B | 20.6B | 21.8B | 31.8B | 1 450 | 779 | 1 030 | 279 | 316 | 108 B | 63.0B | 3 |
| 4 | 55.8B | 33.0B | 20.7B | 22.0B | 32.4B | 1 500 | 747 | 1 020 | 278 | 298 | 107 B | 60.0B | 4 |
| 5 | 55.3B | 31.8B | 20.9B | 22.3B | 33.2B | 1 540 | 734 | 912 | 272 | 265 | 106 B | 59.0B | 5 |
| 6 | 54.0B | 27.5B | 20.9B | 23.0B | 34.0B | 1 320 | 702 | 811 | 268 | 246 | 104 B | 59.0B | 6 |
| 7 | 52.0B | 26.2B | 21.0B | 24.0B | 35.2B | 1 100 | 667 | 737 | 270 | 236 | 102 B | 59.0B | 7 |
| 8 | 50.0B | 25.7B | 21.0B | 24.8B | 36.4B | 1 100 | 632 | 692 | 275 | 229 | 99.0B | 58.5B | 8 |
| 9 | 50.0B | 25.3B | 21.0B | 25.1B | 37.5B | 1 330 | 620 | 649 | 292 | 220 | 99.0B | 58.0B | 9 |
| 10 | 50.0B | 25.0B | 20.9B | 25.8B | 39.5B | 1 460 | 619 | 603 | 314 | 213 | 97.0B | 58.0B | 10 |
| 11 | 50.8B | 24.5B | 20.8B | 26.0B | 41.0B | 1 490 | 618 | 581 | 324 | 208 | 96.0B | 57.5B | 11 |
| 12 | 51.3B | 24.0B | 20.5B | 26.0B | 44.0B | 1 550 | 635 | 558 | 321 | 208 | 96.0B | 57.0B | 12 |
| 13 | 52.0B | 23.2B | 20.0B | 26.1B | 48.0B | 1 700 | 761 | 531 | 307 | 212 | 93.0B | 55.5B | 13 |
| 14 | 53.8B | 23.0B | 19.8B | 26.2B | 52.0B | 1 850 | 839 | 536 | 291 | 227 | 88.0B | 54.5B | 14 |
| 15 | 54.0B | 22.2B | 19.7B | 26.1B | 56.0B | 1 670 | 744 | 513 | 277 | 240 | 87.0B | 53.5B | 15 |
| 16 | 53.8B | 21.9B | 19.5B | 26.1B | 66.0B | 1 590 | 661 | 475 | 265 | 220B | 85.0B | 52.0B | 16 |
| 17 | 52.0B | 21.7B | 19.3B | 26.2B | 150 E | 1 590 | 655 | 446 | 256 | 190B | 84.0B | 50.0B | 17 |
| 18 | 51.3B | 21.3B | 19.5B | 26.3B | 250 E | 1 380 | 754 | 428 | 249 | 180B | 84.0B | 48.0B | 18 |
| 19 | 50.2B | 21.0B | 19.7B | 26.7B | 400 E | 1 160 | 1 050 | 430 | 244 | 160B | 85.0B | 47.5B | 19 |
| 20 | 50.0B | 20.7B | 19.9B | 27.0B | 700 E | 1 090 | 1 280 | 450 | 238 | 142B | 86.0B | 46.0B | 20 |
| 21 | 49.5B | 20.4B | 20.1B | 27.2B | 930 E | 1 270 | 1 100 | 440 | 230 | 138B | 86.0B | 45.5B | 21 |
| 22 | 47.5B | 20.2B | 20.8B | 27.4B | 980 E | 1 560 | 876 | 411 | 221 | 135B | 86.0B | 45.5B | 22 |
| 23 | 46.8B | 20.0B | 21.5B | 27.8B | 1 000 E | 1 460 | 754 | 390 | 217 | 133B | 85.0B | 45.0B | 23 |
| 24 | 45.5B | 19.9B | 21.7B | 28.0B | 970 E | 1 260 | 690 | 378 | 215 | 130B | 86.0B | 45.5B | 24 |
| 25 | 44.0B | 19.8B | 21.8B | 28.2B | 875 E | 1 120 | 643 | 372 | 219 | 128B | 87.0B | 45.5B | 25 |
| 26 | 42.0B | 19.7B | 21.7B | 28.3B | 940 E | 1 010 | 611 | 364 | 235 | 126B | 86.0B | 45.8B | 26 |
| 27 | 40.0B | 19.8B | 21.6B | 28.4B | 1 000 E | 954 | 609 | 350 | 237 | 125B | 85.0B | 45.8B | 27 |
| 28 | 39.0B | 19.9B | 21.5B | 29.0B | 1 050 E | 923 | 669 | 331 | 231 | 122B | 83.0B | 45.9B | 28 |
| 29 | 38.4B | | 21.4B | 29.4B | 1 120 E | 920 | 669 | 314 | 230 | 120B | 81.0B | 45.4B | 29 |
| 30 | 37.8B | | 21.4B | 29.8B | 1 180 E | 930 | 613 | 299 | 235 | 117B | 75.0B | 44.8B | 30 |
| 31 | 37.0B | | 21.3B | | 1 230 E | | 579 | 288 | | 112B | | 44.5B | 31 |
| TOTAL | 1 521.6 | 682.9 | 641.2 | 778.1 | 13 423.1 | 39 987 | 23 048 | 16 803 | 7 851 | 5 910 | 2 765.0 | 1 631.2 | TOTAL |
| MEAN | 49.1 | 24.4 | 20.7 | 25.9 | 433 | 1 330 | 743 | 542 | 262 | 191 | 92.2 | 52.6 | MEAN |
| MAX | 56.0 | 36.0 | 21.8 | 29.8 | 1 230 | 1 850 | 1 280 | 1 030 | 324 | 316 | 110 | 70.0 | MAX |
| MIN | 37.0 | 19.7 | 19.3 | 21.5 | 30.1 | 920 | 579 | 288 | 215 | 112 | 75.0 | 44.5 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 315
MAXIMUM DAILY, 1 850 ON JUN 14
MINIMUM DAILY, 19.3B ON MAR 17
MAXIMUM INSTANTANEOUS,
1 860 AT 13:58 YST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 29 17 N
LONG 135 08 06 W
DRAINAGE AREA, 30 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 131 000 | JUL | 1 990 000 |
| FEB | 59 000 | AUG | 1 450 000 |
| MAR | 55 400 | SEP | 678 000 |
| APR | 67 200 | OCT | 511 000 |
| MAY | 1 160 000 | NOV | 239 000 |
| JUN | 3 450 000 | DEC | 141 000 |

TOTAL DISCHARGE, 9 930 000 dam³

## STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 93.0B | 75.0B | 47.5B | 48.0B | 63.2B | 1 540 | 1 010 | 714 | 358 | 288 | 167B | 129 B | 1 |
| 2 | 93.0B | 74.4B | 47.8B | 48.2B | 64.4B | 1 660 | 1 010 | 690 | 349 | 292 | 164B | 124 B | 2 |
| 3 | 94.0B | 74.0B | 48.0B | 48.4B | 66.0B | 1 680 | 979 | 741 | 355 | 295 | 162B | 118 B | 3 |
| 4 | 94.2B | 72.0B | 48.2B | 49.5B | 66.6B | 1 710 | 917 | 980 | 351 | 309 | 160B | 112 B | 4 |
| 5 | 94.8B | 68.8B | 48.8B | 50.0B | 67.8B | 1 770 | 862 | 1 120 | 350 | 340 | 158B | 106 B | 5 |
| 6 | 94.0B | 65.0B | 49.6B | 53.0B | 69.2B | 1 750 | 822 | 1 100 | 345 | 343 | 156B | 98.0B | 6 |
| 7 | 92.0B | 60.0B | 49.8B | 56.0B | 72.0B | 1 680 | 801 | 1 020 | 334 | 321 | 153B | 94.0B | 7 |
| 8 | 90.2B | 56.0B | 49.9B | 56.7B | 75.0B | 1 530 | 768 | 922 | 332 | 301 | 150B | 92.0B | 8 |
| 9 | 90.1B | 54.0B | 49.8B | 56.8B | 80.0B | 1 420 | 730 | 847 | 333 | 290 | 149B | 92.0B | 9 |
| 10 | 90.5B | 54.0B | 49.4B | 57.5B | 90.0B | 1 440 | 691 | 783 | 337 | 282 | 147B | 92.0B | 10 |
| 11 | 92.0B | 52.0B | 49.3B | 56.8B | 103 B | 1 600 | 671 | 732 | 340 | 274 | 146B | 91.8B | 11 |
| 12 | 94.0B | 52.0B | 49.0B | 56.2B | 120 B | 1 650 | 670 | 690 | 349 | 269 | 145B | 91.0B | 12 |
| 13 | 97.8B | 52.0B | 48.0B | 56.0B | 140 B | 1 650 | 697 | 656 | 360 | 264 | 143B | 90.0B | 13 |
| 14 | 99.4B | 51.9B | 47.5B | 56.0B | 300 B | 1 710 | 746 | 632 | 362 | 260 | 140B | 89.0B | 14 |
| 15 | 98.5B | 51.1B | 47.0B | 56.2B | 425 B | 1 820 | 854 | 601 | 351 | 259 | 138B | 86.0B | 15 |
| 16 | 96.0B | 50.6B | 46.7B | 56.4B | 565 B | 1 850 | 914 | 593 | 341 | 269 | 137B | 84.0B | 16 |
| 17 | 94.0B | 49.8B | 46.9B | 57.0B | 650 B | 1 750 | 845 | 575 | 326 | 301 | 136B | 82.0B | 17 |
| 18 | 92.0B | 49.3B | 47.4B | 57.2B | 835 B | 1 730 | 771 | 538 | 315 | 250B | 134B | 80.0B | 18 |
| 19 | 91.8B | 48.5B | 48.2B | 57.0B | 925 B | 1 630 | 805 | 509 | 308 | 246B | 134B | 77.0B | 19 |
| 20 | 92.0B | 48.0B | 49.8B | 57.2B | 1 030 B | 1 450 | 941 | 489 | 302 | 237B | 133B | 76.0B | 20 |
| 21 | 91.0B | 46.6B | 50.3B | 57.8B | 1 050 | 1 290 | 1 180 | 489 | 298 | 228B | 133B | 76.0B | 21 |
| 22 | 88.0B | 46.0B | 50.8B | 58.0B | 1 070 | 1 250 | 1 320 | 505 | 292 | 210B | 134B | 76.0B | 22 |
| 23 | 86.0B | 45.6B | 51.4B | 58.7B | 1 130 | 1 440 | 1 170 | 500 | 285 | 197B | 135B | 76.0B | 23 |
| 24 | 85.0B | 45.5B | 51.1B | 59.4B | 1 140 | 1 600 | 997 | 473 | 277 | 190B | 137B | 76.0B | 24 |
| 25 | 84.0B | 45.9B | 50.7B | 60.0B | 1 080 | 1 470 | 879 | 452 | 273 | 183B | 138B | 76.0B | 25 |
| 26 | 80.3B | 46.0B | 50.0B | 60.5B | 1 030 | 1 320 | 797 | 435 | 270 | 180B | 138B | 76.0B | 26 |
| 27 | 79.0B | 46.3B | 49.8B | 60.7B | 1 070 | 1 190 | 743 | 425 | 272 | 179B | 139B | 76.0B | 27 |
| 28 | 78.5B | 46.6B | 49.2B | 61.0B | 1 210 | 1 100 | 701 | 416 | 279 | 178B | 138B | 76.0B | 28 |
| 29 | 78.0B | | 48.6B | 61.7B | 1 290 | 1 050 | 691 | 403 | 288 | 177B | 137B | 76.0B | 29 |
| 30 | 76.5B | | 48.4B | 62.1B | 1 350 | 1 020 | 737 | 386 | 287 | 174B | 133B | 76.0B | 30 |
| 31 | 76.0B | | 48.0B | | 1 420 | | 746 | 371 | | 171B | | 76.0B | 31 |
| TOTAL | 2 775.6 | 1 526.9 | 1 516.9 | 1 690.0 | 18 647.2 | 45 750 | 26 465 | 19 787 | 9 619 | 7 757 | 4 314 | 2 739.8 | TOTAL |
| MEAN | 89.5 | 54.5 | 48.9 | 56.3 | 602 | 1 530 | 854 | 638 | 321 | 250 | 144 | 88.4 | MEAN |
| MAX | 99.4 | 75.0 | 51.4 | 62.1 | 1 420 | 1 850 | 1 320 | 1 120 | 362 | 343 | 167 | 129 | MAX |
| MIN | 76.0 | 45.5 | 46.7 | 48.0 | 63.2 | 1 020 | 670 | 371 | 270 | 171 | 133 | 76.0 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 391
MAXIMUM DAILY, 1 850 ON JUN 16
MINIMUM DAILY, 45.5B ON FEB 24
MAXIMUM INSTANTANEOUS,
1 860 AT 09:10 YST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 16 55 N
LONG 139 14 56 W
DRAINAGE AREA, 51 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 240 000 | JUL | 2 390 000 |
| FEB | 132 000 | AUG | 1 710 000 |
| MAR | 131 000 | SEP | 831 000 |
| APR | 146 000 | OCT | 670 000 |
| MAY | 1 610 000 | NOV | 373 000 |
| JUN | 3 950 000 | DEC | 237 000 |

TOTAL DISCHARGE, 12 300 000 dam³

YUKON TERRITORY

STEWART RIVER NEAR MAYO - STATION NO. 09DC006

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 6.490 | 5.690 | 4.889 | 3.900E | 3.621 | 3.111 | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 6.511 | 5.587 | 5.182 | 3.870E | 3.665 | 3.108 | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 6.550 | 5.460 | 5.705 | 3.853A | 3.794 | 3.136 | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 6.672 | 5.365 | 5.837 | 3.833 | 3.878 | 3.223 | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 6.737 | 5.307 | 5.718 | 3.802 | 3.777 | 3.353 | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 6.587 | 5.264 | 5.505 | 3.783 | 3.694 | 3.430 | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 6.207 | 5.171 | 5.323 | 3.788 | 3.652 | 3.534 | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 6.018 | 5.073 | 5.177 | 3.804 | 3.615 | 3.618 | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 6.191 | 4.993 | 5.078 | 3.823 | 3.588 | 3.730 | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 6.510 | 4.947 | 4.974 | 3.851 | 3.562 | 3.813 | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 6.595 | 4.938 | 4.882 | 3.909 | 3.540 | 3.711 | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 6.645 | 4.990 | 4.817 | 3.924 | 3.527 | 3.683 | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 6.786 | 5.129 | 4.743 | 3.891 | 3.527 | 3.689 | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 6.946 | 5.409 | 4.700 | 3.841 | 3.557 | 3.560 | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 6.966 | 5.376 | 4.693 | 3.800 | 3.608 | 3.603 | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 6.805 | 5.162 | 4.590A | 3.756 | 3.620 | 3.672 | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 6.826 | 5.040 | 4.580E | 3.718 | 3.529 | 3.790A | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 6.643 | 5.133 | 4.590E | 3.690 | 3.351 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 6.289 | 5.524 | 4.600E | 3.672 | 3.245 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 6.052 | 6.072 | 4.610E | 3.654 | 3.240 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 6.081 | 6.098 | 4.630E | 3.630 | 3.262 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | 5.378A | 6.518 | 5.703 | 4.600E | 3.589 | 3.311 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | 5.417 | 6.636 | 5.395 | 4.530E | 3.573 | 3.363 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | 5.219 | 6.384 | 5.215 | 4.500E | 3.559 | 3.347 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | 5.061 | 6.151 | 5.107 | 4.480E | 3.552 | 3.312 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | 5.168 | 5.952 | 5.017 | 4.400E | 3.578 | 3.230 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | 5.404 | 5.825 | 4.943 | 4.230E | 3.623 | 3.188 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | 5.551 | 5.744 | 4.987 | 4.115E | 3.616 | 3.146 | --- | --- | 28 |
| 29 | --- | | --- | --- | 5.703 | 5.692 | 5.110 | 4.035E | 3.595 | 3.120 | --- | --- | 29 |
| 30 | --- | | --- | --- | 5.904 | 5.697 | 5.029 | 3.965E | 3.608 | 3.107 | --- | --- | 30 |
| 31 | --- | | --- | | 6.239 | | 4.919 | 3.915E | | 3.096 | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | 6.390 | 5.263 | 4.761 | 3.736 | 3.454 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | 6.966 | 6.098 | 5.837 | 3.924 | 3.878 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 5.692 | 4.919 | 3.915 | 3.552 | 3.096 | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 6.966 ON JUN 15

MAXIMUM INSTANTANEOUS,
7.001 AT 10:40 YST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 35 26 N
LONG 135 53 48 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 479.472 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 09AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19.2B | 11.8 B | 9.70B | 8.95B | 7.90B | 14.0 | 166 | 153 | 120 | 72.7 | 45.2 | 26.0B | 1 |
| 2 | 19.0B | 11.8 B | 9.60B | 8.90B | 7.90B | 16.0 | 170 | 156 | 119 | 72.7 | 45.0 | 25.5B | 2 |
| 3 | 18.7B | 11.6 B | 9.60B | 8.85B | 7.91B | 18.0 | 173 | 159 | 118 | 72.2 | 44.7 | 25.0B | 3 |
| 4 | 18.8B | 11.5 B | 9.85B | 8.80B | 7.92B | 20.4 | 171 | 161 | 116 | 71.1 | 44.6 | 25.0B | 4 |
| 5 | 18.6B | 11.4 B | 9.90B | 8.80B | 7.93B | 23.6 | 171 | 162 | 115 | 68.4 | 43.0 | 24.5B | 5 |
| 6 | 18.5B | 11.3 B | 9.90B | 8.80B | 7.93B | 25.7 | 170 | 162 | 112 | 67.8 | 41.5 | 24.0B | 6 |
| 7 | 18.1B | 11.3 B | 9.80B | 8.75B | 7.94B | 29.2 | 168 | 161 | 112 | 68.4 | 40.3 | 24.0B | 7 |
| 8 | 17.6B | 11.4 B | 9.85B | 8.70B | 7.92B | 33.1 | 172 | 159 | 108 | 67.3 | 40.6 | 24.5B | 8 |
| 9 | 16.8B | 11.2 B | 9.80B | 8.65B | 7.95B | 39.0 | 173 | 159 | 106 | 65.3 | 39.9 | 23.5B | 9 |
| 10 | 16.3B | 11.0 B | 9.70B | 8.55B | 8.00B | 45.9 | 175 | 156 | 104 | 65.3 | 38.3 | 22.5B | 10 |
| 11 | 16.0B | 10.8 B | 9.75B | 8.50B | 8.10B | 53.2 | 175 | 154 | 101 | 64.8 | 37.3 | 22.2B | 11 |
| 12 | 15.5B | 10.6 B | 9.80B | 8.45B | 8.20B | 60.8 | 171 | 151 | 99.4 | 63.8 | 36.7 | 22.4B | 12 |
| 13 | 15.3B | 10.5 B | 9.70B | 8.40B | 8.25B | 68.0 | 167 | 150 | 99.3 | 64.6 | 37.5 | 22.5B | 13 |
| 14 | 15.0B | 10.6 B | 9.75B | 8.35B | 8.30B | 75.9 | 165 | 150 | 97.0 | 61.4 | 36.1 | 21.8B | 14 |
| 15 | 14.8B | 10.7 B | 9.60B | 8.40B | 8.45B | 82.5 | 164 | 150 | 96.0 | 60.2 | 34.9 | 21.6B | 15 |
| 16 | 14.6B | 10.8 B | 9.65B | 8.50B | 8.43B | 86.6 | 162 | 149 | 93.9 | 60.2 | 32.6 | 21.2B | 16 |
| 17 | 14.4B | 10.7 B | 9.60B | 8.55B | 8.52B | 89.2 | 161 | 146 | 91.3 | 59.3 | 31.2 | 21.0B | 17 |
| 18 | 14.2B | 10.6 B | 9.60B | 8.45B | 8.60B | 91.7 | 155 | 142 | 91.1 | 58.6 | 30.7 | 21.0B | 18 |
| 19 | 14.0B | 10.5 B | 9.70B | 8.40B | 9.10B | 95.8 | 154 | 141 | 89.9 | 59.0 | 30.4 | 20.6B | 19 |
| 20 | 13.8B | 10.4 B | 9.75B | 8.40B | 9.50B | 104 | 154 | 138 | 88.4 | 56.5 | 30.2 | 20.2B | 20 |
| 21 | 13.6B | 10.1 B | 9.75B | 8.45B | 10.4 | 110 | 155 | 136 | 87.5 | 54.3 | 29.8 | 19.9B | 21 |
| 22 | 13.4B | 10.0 B | 9.70B | 8.40B | 10.5 | 113 | 156 | 134 | 86.0 | 53.5 | 29.4 | 19.8B | 22 |
| 23 | 13.2B | 10.0 B | 9.60B | 8.35B | 10.7 | 115 | 155 | 132 | 82.8 | 52.0 | 28.8 | 19.6B | 23 |
| 24 | 13.0B | 10.0 B | 9.40B | 8.30B | 11.0 | 118 | 154 | 129 | 80.6 | 51.6 | 28.0 | 19.0B | 24 |
| 25 | 12.7B | 10.0 B | 9.20B | 8.10B | 11.1 | 121 | 154 | 127 | 79.4 | 50.7 | 27.4 | 18.7B | 25 |
| 26 | 12.5B | 9.95B | 9.20B | 8.15B | 11.4 | 127 | 153 | 124 | 79.4 | 48.8 | 27.7 | 18.6B | 26 |
| 27 | 12.4B | 9.80B | 9.20B | 8.00B | 11.6 | 135 | 152 | 124 | 76.2 | 47.9 | 27.5 | 18.7B | 27 |
| 28 | 12.2B | 9.60B | 9.25B | 7.95B | 11.8 | 145 | 153 | 125 | 74.8 | 48.0 | 27.8 | 18.8B | 28 |
| 29 | 12.1B | | 9.30B | 7.90B | 12.1 | 153 | 154 | 126 | 74.1 | 48.6 | 27.7 | 18.8B | 29 |
| 30 | 11.9B | | 9.20B | 7.85B | 12.4 | 161 | 156 | 125 | 73.5 | 46.3 | 26.8 | 18.7B | 30 |
| 31 | 11.8B | | 9.00B | | 13.0 | | 152 | 124 | | 45.3 | | 18.3B | 31 |
| TOTAL | 468.0 | 299.95 | 297.40 | 253.60 | 290.75 | 2 370.6 | 5 031 | 4 465 | 2 871.6 | 1 846.6 | 1 041.6 | 667.9 | TOTAL |
| MEAN | 15.1 | 10.7 | 9.59 | 8.45 | 9.38 | 79.0 | 162 | 144 | 95.7 | 59.6 | 34.7 | 21.5 | MEAN |
| MAX | 19.2 | 11.8 | 9.90 | 8.95 | 13.0 | 161 | 175 | 162 | 120 | 72.7 | 45.2 | 26.0 | MAX |
| MIN | 11.8 | 9.60 | 9.00 | 7.85 | 7.90 | 14.0 | 152 | 124 | 73.5 | 45.3 | 26.8 | 18.3 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.5
MAXIMUM DAILY, 175 ON JUL 10
MINIMUM DAILY, 7.85B ON APR 30
MAXIMUM INSTANTANEOUS,
177 AT 22:01 YST ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 46 N
LONG 136 07 26 W
DRAINAGE AREA, 4 070 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 40 400 | JUL | 435 000 |
| FEB | 25 900 | AUG | 386 000 |
| MAR | 25 700 | SEP | 248 000 |
| APR | 21 900 | OCT | 160 000 |
| MAY | 25 100 | NOV | 90 000 |
| JUN | 205 000 | DEC | 57 700 |

TOTAL DISCHARGE, 1 720 000 dam³

YUKON TERRITORY

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16.2B | 12.6B | 11.1B | 10.6B | 10.8B | 48.2 | 183 | 167 | 140 | 89.9 | 51.0B | 27.0B | 1 |
| 2 | 16.5B | 12.8B | 11.3B | 10.5B | 10.9B | 58.1 | 185 | 190 | 139 | 89.3 | 52.5B | 26.5B | 2 |
| 3 | 16.7B | 13.0B | 11.4B | 10.6B | 11.0B | 66.7 | 186 | 205 | 139 | 88.0 | 49.8B | 25.4B | 3 |
| 4 | 17.1B | 13.2B | 11.5B | 10.6B | 11.0B | 56.6A | 187 | 199 | 137 | 86.6 | 47.0B | 25.0B | 4 |
| 5 | 17.0B | 13.4B | 11.6B | 10.5B | 11.1B | 53.2 | 186 | 203 | 135 | 84.1 | 46.0B | 24.3B | 5 |
| 6 | 16.5B | 13.6B | 11.8B | 10.5B | 11.2B | 55.0 | 185 | 206 | 134 | 81.2 | 46.0B | 24.5B | 6 |
| 7 | 15.8B | 13.7B | 12.0B | 10.6B | 11.2B | 67.4 | 182 | 200 | 132 | 80.5 | 46.0B | 24.9B | 7 |
| 8 | 16.1B | 13.6B | 12.1B | 10.7B | 11.3B | 87.7 | 185 | 194 | 129 | 80.3 | 44.0B | 25.0B | 8 |
| 9 | 16.5B | 13.4B | 12.0B | 10.7B | 11.5B | 92.5 | 189 | 191 | 127 | 79.0 | 42.0B | 24.0B | 9 |
| 10 | 16.8B | 13.1B | 12.0B | 10.6B | 11.6B | 97.3 | 189 | 186 | 124 | 77.2 | 39.5B | 23.5B | 10 |
| 11 | 16.8B | 12.9B | 12.0B | 10.7B | 11.7B | 106 | 189 | 181 | 122 | 77.0 | 39.4B | 24.0B | 11 |
| 12 | 16.7B | 12.5B | 11.9B | 10.7B | 12.0B | 114 | 187 | 183 | 119 | 76.4 | 39.6B | 24.6B | 12 |
| 13 | 16.5B | 12.2B | 11.5B | 10.7B | 12.2B | 116 | 182 | 192 | 117 | 76.1 | 39.8B | 24.8B | 13 |
| 14 | 15.7B | 12.0B | 11.3B | 10.6B | 12.4B | 115 | 178 | 187 | 115 | 74.5 | 40.0B | 23.5B | 14 |
| 15 | 15.0B | 12.2B | 11.1B | 10.6B | 12.7B | 117 | 177 | 184 | 112 | 70.7 | 37.0B | 22.6B | 15 |
| 16 | 14.6B | 12.3B | 10.8B | 10.6B | 13.0B | 117 | 176 | 182 | 110 | 67.5 | 36.0B | 21.7B | 16 |
| 17 | 14.4B | 12.4B | 10.8B | 10.6B | 13.3B | 116 | 174 | 178 | 107 | 65.9 | 35.5B | 21.2B | 17 |
| 18 | 14.3B | 12.5B | 10.9B | 10.7B | 13.5B | 116 | 171 | 172 | 105 | 65.3 | 33.4B | 21.3B | 18 |
| 19 | 13.8B | 12.3B | 11.4B | 10.8B | 14.1B | 125 | 166 | 169 | 104 | 65.8 | 32.0B | 21.6B | 19 |
| 20 | 13.6B | 11.9B | 11.7B | 10.9B | 15.0B | 136 | 168 | 165 | 102 | 67.0 | 31.6B | 21.7B | 20 |
| 21 | 13.4B | 11.5B | 11.6B | 11.0B | 16.0E | 137 | 168 | 162 | 99.0 | 64.5 | 32.0B | 20.8B | 21 |
| 22 | 13.3B | 11.3B | 11.6B | 10.9B | 17.0E | 138 | 168 | 158 | 99.5 | 62.3 | 32.6B | 20.0B | 22 |
| 23 | 13.0B | 11.2B | 11.5B | 10.8B | 17.9E | 138 | 167 | 155 | 97.8 | 60.6 | 31.0B | 19.8B | 23 |
| 24 | 12.6B | 11.1B | 11.3B | 10.8B | 19.0E | 140 | 165 | 152 | 95.6 | 58.4 | 30.0B | 20.0B | 24 |
| 25 | 12.3B | 11.1B | 11.1B | 10.7B | 20.3E | 144 | 163 | 149 | 94.4 | 57.6 | 30.4B | 20.3B | 25 |
| 26 | 12.1B | 11.0B | 10.8B | 10.8B | 21.9E | 152 | 163 | 145 | 93.7 | 56.7 | 30.6B | 20.4B | 26 |
| 27 | 12.2B | 11.0B | 10.7B | 10.7B | 22.5E | 159 | 162 | 144 | 92.6 | 54.8 | 30.8B | 20.5B | 27 |
| 28 | 12.3B | 11.1B | 10.6B | 10.6B | 23.9A | 169 | 162 | 144 | 89.8 | 56.2 | 31.0B | 20.8B | 28 |
| 29 | 12.4B | | 10.6B | 10.7B | 31.9 | 177 | 162 | 146 | 88.5 | 54.0 | 30.5B | 20.4B | 29 |
| 30 | 12.5B | | 10.5B | 10.7B | 33.9 | 180 | 163 | 146 | 88.6 | 52.7 | 28.0B | 20.1B | 30 |
| 31 | 12.5B | | 10.5B | | 38.1 | | 164 | 145 | | 51.2 | | 20.0B | 31 |
| TOTAL | 455.2 | 344.9 | 351.0 | 320.5 | 503.9 | 3 394.7 | 5 432 | 5 380 | 3 388.5 | 2 172.1 | 1 135.0 | 700.2 | TOTAL |
| MEAN | 14.7 | 12.3 | 11.3 | 10.7 | 16.3 | 113 | 175 | 174 | 113 | 70.1 | 37.8 | 22.6 | MEAN |
| MAX | 17.1 | 13.7 | 12.1 | 11.0 | 38.1 | 180 | 189 | 206 | 140 | 89.9 | 52.5 | 27.0 | MAX |
| MIN | 12.1 | 11.0 | 10.5 | 10.5 | 10.8 | 48.2 | 162 | 144 | 88.5 | 51.2 | 28.0 | 19.8 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.6
MAXIMUM DAILY, 206 ON AUG 6
MINIMUM DAILY, 10.5B ON MAR 30
MAXIMUM INSTANTANEOUS,
207 AT 14:00 YST ON AUG 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 08 N
LONG 135 48 21 W
DRAINAGE AREA, 6 990 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1948

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 39 300 | JUL | 469 000 |
| FEB | 29 800 | AUG | 465 000 |
| MAR | 30 300 | SEP | 293 000 |
| APR | 27 700 | OCT | 188 000 |
| MAY | 43 500 | NOV | 98 100 |
| JUN | 293 000 | DEC | 60 500 |

TOTAL DISCHARGE, 2 040 000 dam³

TESLIN LAKE AT TESLIN - STATION NO. 09AE002

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.780E | 3.546E | 3.324E | 3.090 | 3.007 | 4.837 | 6.215 | 4.957 | 4.167 | 4.031 | 3.899 | 3.483 | 1 |
| 2 | 3.765E | 3.540E | 3.318E | 3.083 | 3.010 | 4.998 | 6.156 | 4.932 | 4.167 | 4.027 | 3.883 | 3.469 | 2 |
| 3 | 3.759E | 3.524E | 3.316E | 3.083 | 3.021 | 5.167 | 6.103 | 4.886 | 4.165 | 4.032 | 3.877 | 3.470 | 3 |
| 4 | 3.743E | 3.518E | 3.310E | 3.079 | 3.021 | 5.306 | 6.075 | 4.845 | 4.164 | 4.023 | 3.859 | 3.465 | 4 |
| 5 | 3.738E | 3.505A | 3.304A | 3.084 | 3.024 | 5.444 | 6.039 | 4.817 | 4.184 | 4.033 | 3.855 | 3.455 | 5 |
| 6 | 3.731A | 3.495E | 3.300E | 3.089 | 3.037 | 5.564 | 6.014 | 4.776 | 4.182 | 4.035 | 3.829 | 3.447 | 6 |
| 7 | 3.731E | 3.490E | 3.296E | 3.083 | 3.051 | 5.655 | 5.977 | 4.753 | 4.192 | 4.034 | 3.808 | 3.455 | 7 |
| 8 | 3.731E | 3.483E | 3.292E | 3.078 | 3.064 | 5.754 | 5.955 | 4.724 | 4.180 | 4.026 | 3.810 | 3.452 | 8 |
| 9 | 3.731E | 3.479E | 3.286E | 3.072 | 3.095 | 5.886 | 5.924 | 4.691 | 4.175 | 4.045 | 3.801 | 3.450 | 9 |
| 10 | 3.731E | 3.472E | 3.280E | 3.072 | 3.126 | 6.034 | 5.897 | 4.666 | 4.179 | 4.050 | 3.783 | 3.440 | 10 |
| 11 | 3.731E | 3.466E | 3.278A | 3.073 | 3.169 | 6.171 | 5.856 | 4.623 | 4.172 | 4.039 | 3.769 | 3.427 | 11 |
| 12 | 3.731E | 3.457A | 3.247 | 3.071 | 3.216 | 6.317 | 5.820 | 4.596 | 4.170 | 4.042 | 3.757 | 3.424 | 12 |
| 13 | 3.731E | 3.448E | 3.243 | 3.061 | 3.268 | 6.456 | 5.783 | 4.587 | 4.163 | 4.041 | 3.735 | 3.417 | 13 |
| 14 | 3.731E | 3.439E | 3.226 | 3.054 | 3.334 | 6.552 | 5.748 | 4.557 | 4.152 | 4.045 | 3.718 | 3.414 | 14 |
| 15 | 3.731E | 3.424E | 3.206 | 3.056 | 3.384 | 6.635 | 5.696 | 4.545 | 4.164 | 4.042 | 3.708 | 3.400 | 15 |
| 16 | 3.731A | 3.406E | 3.199 | 3.045 | 3.456 | 6.683 | 5.646 | 4.508E | 4.164 | 4.034 | 3.690 | 3.392 | 16 |
| 17 | 3.719E | 3.395E | 3.192 | 3.034 | 3.533 | 6.696 | 5.587 | 4.460E | 4.149 | 4.030 | 3.677 | 3.388 | 17 |
| 18 | 3.700E | 3.384A | 3.187 | 3.032 | 3.600 | 6.690 | 5.553 | 4.411 | 4.128 | 4.034 | 3.678 | 3.387 | 18 |
| 19 | 3.680E | 3.375E | 3.180 | 3.029 | 3.677 | 6.673 | 5.523 | 4.374 | 4.119 | 4.038 | 3.660 | 3.381 | 19 |
| 20 | 3.658E | 3.368E | 3.175 | 3.025 | 3.759 | 6.653 | 5.480 | 4.348 | 4.114 | 4.031 | 3.632 | 3.372 | 20 |
| 21 | 3.640E | 3.364E | 3.171 | 3.014 | 3.868 | 6.637 | 5.423 | 4.333 | 4.101 | 4.015 | 3.615 | 3.356 | 21 |
| 22 | 3.624E | 3.358E | 3.167 | 3.015 | 3.965 | 6.631 | 5.400 | 4.300 | 4.083 | 4.018 | 3.595E | 3.354 | 22 |
| 23 | 3.603A | 3.350E | 3.158 | 3.011 | 4.050 | 6.604 | 5.353 | 4.278 | 4.062 | 4.020 | 3.565E | 3.339 | 23 |
| 24 | 3.600E | 3.344E | 3.155 | 2.999 | 4.122 | 6.559 | 5.312 | 4.260 | 4.060 | 4.009 | 3.555E | 3.334 | 24 |
| 25 | 3.598E | 3.339E | 3.142 | 3.007 | 4.186 | 6.506 | 5.268 | 4.232 | 4.059 | 4.003 | 3.540E | 3.330 | 25 |
| 26 | 3.597E | 3.335A | 3.152 | 3.010 | 4.229 | 6.461 | 5.218 | 4.217 | 4.058 | 3.998 | 3.525 | 3.332 | 26 |
| 27 | 3.592E | 3.335E | 3.131 | 3.008 | 4.275 | 6.407 | 5.176 | 4.196 | 4.046 | 3.983 | 3.517 | 3.325 | 27 |
| 28 | 3.584E | 3.330E | 3.122 | 3.003 | 4.348 | 6.358 | 5.136 | 4.179 | 4.045 | 3.970 | 3.509 | 3.334 | 28 |
| 29 | 3.574E | | 3.114 | 3.013 | 4.432 | 6.314 | 5.089 | 4.187 | 4.040 | 3.957 | 3.504 | 3.323 | 29 |
| 30 | 3.566A | | 3.099 | 3.009 | 4.543 | 6.267 | 5.048 | 4.187 | 4.043 | 3.934 | 3.492 | 3.312 | 30 |
| 31 | 3.558E | | 3.093 | | 4.685 | | 5.004 | 4.176 | | 3.915 | | 3.308 | 31 |
| MEAN | 3.681 | 3.427 | 3.215 | 3.046 | 3.599 | 6.164 | 5.628 | 4.503 | 4.128 | 4.017 | 3.695 | 3.395 | MEAN |
| MAX | 3.780 | 3.546 | 3.324 | 3.090 | 4.685 | 6.696 | 6.215 | 4.957 | 4.192 | 4.050 | 3.899 | 3.483 | MAX |
| MIN | 3.558 | 3.330 | 3.093 | 2.999 | 3.007 | 4.837 | 5.004 | 4.176 | 4.040 | 3.915 | 3.492 | 3.308 | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 4.044
MAXIMUM DAILY, 6.696 ON JUN 17
MINIMUM DAILY, 2.999 ON APR 24
MAXIMUM INSTANTANEOUS,
6.700 AT 06:32 YST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 52 N
LONG 132 42 12 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 677.055 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1965 ADJ.)

## TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 156B | 124 B | 94.0B | 79.0B | 70.7 | 363 | 741 | 372 | 220 | 200 | 180 | 128 | 1 |
| 2 | 155B | 124 B | 93.0B | 78.0B | 70.4 | 407 | 721 | 363 | 218 | 200 | 183 | 128 | 2 |
| 3 | 152B | 123 B | 93.0B | 78.0B | 70.7 | 451A | 708 | 356 | 221 | 201 | 180 | 123 | 3 |
| 4 | 150B | 122 B | 92.0B | 78.0B | 71.8 | 485 | 695 | 348 | 222 | 203 | 176 | 123 | 4 |
| 5 | 149B | 121 B | 92.0B | 78.8A | 72.9 | 532 | 685 | 339 | 225 | 202 | 172 | 122 | 5 |
| 6 | 148B | 120 B | 92.0B | 77.0E | 74.3 | 551A | 678 | 332 | 228 | 202 | 170 | 120 B | 6 |
| 7 | 148B | 119 B | 92.0B | 76.5E | 75.1 | 580E | 669 | 326 | 229 | 204 | 166 | 117 B | 7 |
| 8 | 148B | 118 B | 92.0B | 75.9A | 76.9 | 610E | 664 | 319 | 225 | 208 | 167 | 115 B | 8 |
| 9 | 148B | 117 B | 93.0B | 75.3 | 79.5 | 646A | 651 | 312 | 223 | 209 | 163 | 113 B | 9 |
| 10 | 148B | 115 B | 92.0B | 75.0 | 83.5 | 687 | 638 | 302 | 224 | 208 | 159 | 112 B | 10 |
| 11 | 148B | 114 B | 91.0B | 74.9 | 87.8 | 736 | 631 | 295 | 221 | 209 | 160 | 111 B | 11 |
| 12 | 147B | 111 B | 90.0B | 74.7 | 93.6 | 783 | 616 | 285 | 221 | 210 | 157 | 110 B | 12 |
| 13 | 144B | 109 B | 88.0B | 74.6 | 101 | 824 | 602 | 278 | 223 | 206 | 158 | 105 B | 13 |
| 14 | 140B | 107 B | 88.0B | 74.2 | 108 | 859 | 592 | 277 | 221 | 203 | 156 | 103 B | 14 |
| 15 | 138B | 105 B | 87.0B | 74.5 | 116 | 884 | 578 | 274 | 220 | 198 | 150 | 102 B | 15 |
| 16 | 136B | 104 B | 86.0B | 74.8 | 123 | 900 | 564 | 269 | 218 | 198 | 146 | 99.0B | 16 |
| 17 | 135B | 104 B | 86.0B | 74.3 | 132 | 904 | 550 | 262 | 216 | 202 | 146 | 98.0B | 17 |
| 18 | 134B | 103 B | 86.0B | 74.4 | 142 | 902 | 534 | 256 | 215 | 201 | 142 | 95.0B | 18 |
| 19 | 132B | 104 B | 87.0B | 75.2 | 154 | 896 | 523 | 253 | 214 | 202 | 139 | 94.0B | 19 |
| 20 | 131B | 104 B | 87.0B | 74.5 | 165 | 892 | 512 | 249 | 212 | 200 | 139 | 94.0B | 20 |
| 21 | 130B | 103 B | 87.0B | 72.6 | 179 | 885 | 501 | 245 | 212 | 196 | 139 | 91.0B | 21 |
| 22 | 129B | 102 B | 86.0B | 71.2 | 196 | 881 | 490 | 241 | 209 | 197 | 144 | 89.0B | 22 |
| 23 | 128B | 100 B | 86.0B | 71.1 | 208 | 873 | 479 | 238 | 208 | 196 | 140 | 87.0B | 23 |
| 24 | 128B | 100 B | 85.0B | 71.0 | 219 | 858 | 468 | 234 | 200 | 195 | 138 | 85.0B | 24 |
| 25 | 128B | 97.0B | 84.0B | 71.5 | 232 | 840 | 458 | 231 | 203 | 202 | 136 | 83.0B | 25 |
| 26 | 127B | 95.0B | 83.0B | 71.4 | 241 | 825 | 438 | 229 | 203 | 194 | 135 | 82.0B | 26 |
| 27 | 126B | 94.0B | 82.0B | 70.9 | 251 | 809 | 431 | 225 | 199 | 185 | 132 | 82.0B | 27 |
| 28 | 125B | 94.0B | 82.0B | 70.3 | 262 | 793 | 422 | 224 | 196 | 190 | 132 | 81.0B | 28 |
| 29 | 124B | | 82.0B | 70.2 | 277 | 775 | 409 | 224 | 204 | 192 | 130 | 80.0B | 29 |
| 30 | 124B | | 81.0B | 69.8 | 301 | 757 | 399 | 223 | 208 | 187 | 128 | 79.0B | 30 |
| 31 | 124B | | 80.0B | | 327 | | 381 | 223 | | 178 | | 78.0B | 31 |
| TOTAL | 4 280 | 3 053.0 | 2 719.0 | 2 227.6 | 4 661.2 | 22 190 | 17 428 | 8 604 | 6 458 | 6 178 | 4 563 | 3 129.0 | TOTAL |
| MEAN | 138 | 109 | 87.7 | 74.3 | 150 | 740 | 562 | 278 | 215 | 199 | 152 | 101 | MEAN |
| MAX | 156 | 124 | 94.0 | 79.0 | 327 | 904 | 741 | 372 | 229 | 210 | 183 | 128 | MAX |
| MIN | 124 | 94.0 | 80.0 | 69.8 | 70.4 | 365 | 381 | 223 | 196 | 178 | 128 | 78.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 234
MAXIMUM DAILY, 904 ON JUN 17
MINIMUM DAILY, 69.8 ON APR 30
MAXIMUM INSTANTANEOUS,
912 AT 14:23 YST ON JUN 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 29 04 N
LONG 133 18 07 W
DRAINAGE AREA, 30 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 370 000 | JUL | 1 510 000 |
| FEB | 264 000 | AUG | 743 000 |
| MAR | 235 000 | SEP | 558 000 |
| APR | 192 000 | OCT | 534 000 |
| MAY | 403 000 | NOV | 394 000 |
| JUN | 1 920 000 | DEC | 270 000 |

TOTAL DISCHARGE, 7 390 000 dam³

## TOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.195B | 0.215B | 0.149B | 0.135B | 0.205B | 10.8 | 2.14 | 0.949 | 1.73 | 1.56 E | 0.800B | 0.500B | 1 |
| 2 | 0.196B | 0.216B | 0.150B | 0.134B | 0.220B | 11.1 | 2.12 | 0.937 | 2.07 | 1.56 E | 0.800B | 0.490B | 2 |
| 3 | 0.197B | 0.217B | 0.151B | 0.137B | 0.245B | 10.3 | 2.18 | 1.01 | 2.61 | 1.57 E | 0.760B | 0.485B | 3 |
| 4 | 0.197B | 0.219B | 0.151B | 0.142B | 0.260B | 9.36 | 2.31 | 1.00 | 2.55 | 1.58 E | 0.700B | 0.480B | 4 |
| 5 | 0.198B | 0.218B | 0.150B | 0.146B | 0.300B | 8.22 | 2.62 | 1.16 | 2.29 | 1.56 E | 0.650B | 0.470B | 5 |
| 6 | 0.200B | 0.215B | 0.152B | 0.148B | 0.400B | 7.36 | 4.01 | 1.15 | 2.10 | 1.55 E | 0.660B | 0.460B | 6 |
| 7 | 0.203B | 0.210B | 0.155B | 0.149B | 0.520B | 6.86 | 4.24 | 1.04 | 2.07A | 1.52 E | 0.650B | 0.470B | 7 |
| 8 | 0.208B | 0.203B | 0.157B | 0.148B | 0.800B | 6.81 | 3.56 | 0.918 | 2.05E | 1.50 E | 0.640B | 0.475B | 8 |
| 9 | 0.210B | 0.197B | 0.158B | 0.146B | 0.900B | 6.77 | 3.17 | 0.842 | 2.02E | 1.49 E | 0.610B | 0.465B | 9 |
| 10 | 0.211B | 0.190B | 0.159B | 0.145B | 1.40 B | 6.87 | 2.96 | 0.813 | 2.00E | 1.50 E | 0.590B | 0.460B | 10 |
| 11 | 0.212B | 0.188B | 0.156B | 0.144B | 2.00 B | 6.46 | 2.90 | 0.982 | 1.98E | 1.51 E | 0.595B | 0.465B | 11 |
| 12 | 0.211B | 0.184B | 0.153B | 0.144B | 2.50 B | 5.93 | 2.68 | 1.78 | 2.00E | 1.49 E | 0.600B | 0.470B | 12 |
| 13 | 0.211B | 0.185B | 0.149B | 0.143B | 3.60 B | 5.44 | 2.48 | 2.04 | 1.96E | 1.44 E | 0.610B | 0.460B | 13 |
| 14 | 0.208B | 0.186B | 0.146B | 0.142B | 4.40 B | 5.17 | 2.33 | 1.73 | 1.94E | 1.37 E | 0.600B | 0.450B | 14 |
| 15 | 0.203B | 0.186B | 0.145B | 0.143B | 5.50 B | 4.85 | 2.21 | 1.51 | 1.90E | 1.28 E | 0.580B | 0.435B | 15 |
| 16 | 0.200B | 0.186B | 0.144B | 0.144B | 7.30 B | 4.61 | 2.44 | 1.31 | 1.90E | 1.20 B | 0.560B | 0.430B | 16 |
| 17 | 0.199B | 0.185B | 0.143B | 0.145B | 9.00 B | 4.51 | 2.36 | 1.35 | 1.89E | 1.21 B | 0.540B | 0.425B | 17 |
| 18 | 0.197B | 0.184B | 0.141B | 0.146B | 15.1 | 4.12 | 2.21 | 3.24 | 1.88E | 1.21 B | 0.515B | 0.425B | 18 |
| 19 | 0.193B | 0.180B | 0.146B | 0.148B | 20.8 | 3.85 | 2.24 | 3.27 | 1.87E | 1.19 B | 0.490B | 0.420B | 19 |
| 20 | 0.193B | 0.178B | 0.149B | 0.149B | 15.3 | 3.66 | 2.19 | 2.63 | 1.89E | 1.16 B | 0.470B | 0.410B | 20 |
| 21 | 0.192B | 0.172B | 0.151B | 0.150B | 12.5 | 3.55 | 2.06 | 2.23 | 1.84E | 1.08 B | 0.460B | 0.400B | 21 |
| 22 | 0.190B | 0.166B | 0.152B | 0.151B | 10.7 | 3.40 | 1.90 | 1.88 | 1.80E | 1.03 B | 0.465B | 0.390B | 22 |
| 23 | 0.191B | 0.161B | 0.150B | 0.153B | 9.49 | 3.19 | 1.79 | 1.74 | 1.78E | 1.00 B | 0.470B | 0.380B | 23 |
| 24 | 0.192B | 0.158B | 0.148B | 0.155B | 8.61 | 3.05 | 1.65 | 1.65 | 1.75E | 0.980B | 0.480B | 0.370B | 24 |
| 25 | 0.194B | 0.156B | 0.144B | 0.159B | 8.26 | 2.95 | 1.57 | 1.70 | 1.70E | 0.950B | 0.495B | 0.365B | 25 |
| 26 | 0.198B | 0.158B | 0.142B | 0.163B | 7.96 | 2.73 | 1.48 | 1.75 | 1.66E | 0.880B | 0.505B | 0.360B | 26 |
| 27 | 0.200B | 0.153B | 0.140B | 0.170B | 8.27 | 2.60 | 1.39 | 1.90 | 1.61E | 0.885B | 0.510B | 0.365B | 27 |
| 28 | 0.201B | 0.150B | 0.139B | 0.176B | 8.99 | 2.47 | 1.32 | 1.95 | 1.58E | 0.890B | 0.520B | 0.370B | 28 |
| 29 | 0.207B | | 0.138B | 0.187B | 10.2 | 2.37 | 1.23 | 1.85 | 1.55E | 0.880B | 0.515B | 0.375B | 29 |
| 30 | 0.210B | | 0.137B | 0.196B | 10.7 | 2.26 | 1.09 | 1.76 | 1.54E | 0.850B | 0.510B | 0.375B | 30 |
| 31 | 0.213B | | 0.136B | | 10.6 | | 1.00 | 1.79 | | 0.815B | | 0.370B | 31 |
| TOTAL | 6.230 | 5.212 | 4.581 | 4.538 | 197.030 | 161.62 | 69.83 | 49.861 | 57.51 | 38.690 | 17.350 | 13.265 | TOTAL |
| MEAN | 0.201 | 0.186 | 0.148 | 0.151 | 6.36 | 5.39 | 2.25 | 1.61 | 1.92 | 1.25 | 0.578 | 0.428 | MEAN |
| MAX | 0.213 | 0.219 | 0.159 | 0.196 | 20.8 | 11.1 | 4.24 | 3.27 | 2.61 | 1.58 | 0.800 | 0.500 | MAX |
| MIN | 0.190 | 0.150 | 0.136 | 0.134 | 0.205 | 2.26 | 1.00 | 0.813 | 1.54 | 0.815 | 0.460 | 0.360 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.71
MAXIMUM DAILY, 20.8 ON MAY 19
MINIMUM DAILY, 0.134B ON APR 2
MAXIMUM INSTANTANEOUS,
23.0 AT 04:57 YST ON MAY 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 17 26 N
LONG 129 01 14 W
DRAINAGE AREA, 435 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 538 | JUL | 6 030 |
| FEB | 450 | AUG | 4 310 |
| MAR | 396 | SEP | 4 970 |
| APR | 392 | OCT | 3 340 |
| MAY | 17 000 | NOV | 1 500 |
| JUN | 14 000 | DEC | 1 150 |

TOTAL DISCHARGE, 54 100 dam³

YUKON TERRITORY

## WARENHAM LAKE AT HEADGATE - STATION NO. 09DC004

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 78.019 | 79.226 | 79.044 | 77.320E | 78.120 | 79.038A | 79.276 | 79.518 | 79.273 | 79.144 | 77.858 | 77.707 | 1 |
| 2 | 78.095 | 79.250 | 79.006 | 77.300E | 78.078 | 79.208 | 79.280 | 79.458 | 79.038 | 79.161 | 77.809 | 77.728 | 2 |
| 3 | 78.168 | 79.249 | 78.968 | 77.290E | 78.057 | 79.347 | 79.302 | 79.287 | 78.811 | 79.165 | 77.800 | 77.763 | 3 |
| 4 | 78.228 | 79.221 | 78.938 | 77.290E | 78.015 | 79.287 | 79.331 | 79.344 | 78.608 | 79.155 | 77.780 | 77.781 | 4 |
| 5 | 78.297 | 79.203 | 78.884 | 77.300E | 77.972 | 78.933 | 79.342 | 79.416 | 78.609 | 79.146 | 77.759 | 77.778 | 5 |
| 6 | 78.358 | 79.195 | 78.828 | 77.330E | 77.954 | 79.020 | 79.334 | 79.364 | 78.672 | 79.156 | 77.758 | 77.775 | 6 |
| 7 | 78.390 | 79.193 | 78.769 | 77.378E | 77.966 | 79.208 | 79.344 | 79.271 | 78.698 | 79.162 | 77.756 | 77.764 | 7 |
| 8 | 78.439 | 79.200 | 78.709 | 77.420E | 78.044 | 79.372 | 79.346 | 79.198 | 78.716 | 79.168 | 77.741 | 77.778 | 8 |
| 9 | 78.494 | 79.210 | 78.641 | 77.500E | 78.145 | 79.353 | 79.344 | 79.210 | 78.745 | 79.177 | 77.723 | 77.808 | 9 |
| 10 | 78.524 | 79.204 | 78.578 | 77.588 | 78.232 | 79.286 | 79.345 | 79.224 | 78.820 | 79.185 | 77.698 | 77.827 | 10 |
| 11 | 78.569 | 79.187 | 78.520 | 77.748 | 78.301 | 79.258 | 79.359 | 79.234 | 78.801 | 79.190 | 77.697 | 77.860 | 11 |
| 12 | 78.625 | 79.147 | 78.456 | 77.881 | 78.447 | 79.227 | 79.339 | 79.248 | 78.771 | 79.197 | 77.721 | 77.902 | 12 |
| 13 | 78.661 | 79.140 | 78.392 | 77.943 | 78.578 | 79.219 | 79.365 | 79.249 | 78.737 | 79.200 | 77.748 | 77.943 | 13 |
| 14 | 78.693A | 79.138 | 78.332 | 77.946 | 78.607 | 79.178 | 79.313 | 79.268 | 78.710 | 79.200 | 77.784 | 77.990 | 14 |
| 15 | 78.729 | 79.142 | 78.263 | 78.018 | 78.632 | 79.249 | 79.261 | 79.298 | 78.689 | 79.169 | 77.809 | 78.037 | 15 |
| 16 | 78.768 | 79.129 | 78.189 | 78.088 | 78.676 | 79.309 | 79.150 | 79.331 | 78.669 | 79.091 | 77.813 | 78.079 | 16 |
| 17 | 78.812 | 79.108 | 78.120 | 78.171 | 78.783 | 79.229 | 79.110 | 79.349 | 78.654 | 79.032 | 77.770A | 78.104 | 17 |
| 18 | 78.846 | 79.094 | 78.047 | 78.265 | 78.868 | 79.199 | 79.255 | 79.371 | 78.632 | 78.960 | 77.750E | 78.127 | 18 |
| 19 | 78.880 | 79.071 | 77.977 | 78.357 | 79.243 | 79.210 | 79.420 | 79.378 | 78.612 | 78.902 | 77.730E | 78.152 | 19 |
| 20 | 78.907 | 79.034 | 77.910 | 78.432 | 79.193 | 79.288 | 79.400 | 79.283 | 78.588 | 78.845 | 77.710E | 78.174 | 20 |
| 21 | 78.933 | 78.989 | 77.862 | 78.481 | 79.094 | 79.332 | 79.360 | 79.173 | 78.572 | 78.792 | 77.690E | 78.185 | 21 |
| 22 | 78.952 | 78.948 | 77.806 | 78.518 | 78.633 | 79.221 | 79.295 | 79.078 | 78.601 | 78.711 | 77.665E | 78.190 | 22 |
| 23 | 78.978 | 79.053 | 77.743 | 78.485 | 78.208 | 79.195 | 79.230 | 79.051 | 78.644 | 78.616 | 77.640E | 78.208 | 23 |
| 24 | 79.020 | 79.041 | 77.682 | 78.444 | 77.790 | 79.193 | 79.162 | 79.032 | 78.712 | 78.528 | 77.618A | 78.220 | 24 |
| 25 | 79.045 | 79.041 | 77.623 | 78.401 | 77.907 | 79.235 | 79.087 | 79.015 | 78.779 | 78.444 | 77.612 | 78.235 | 25 |
| 26 | 79.078 | 79.049 | 77.563 | 78.350 | 77.929 | 79.287 | 79.014 | 79.052 | 78.845 | 78.352 | 77.597 | 78.253 | 26 |
| 27 | 79.086 | 79.058 | 77.505 | 78.298 | 77.549 | 79.315 | 78.949 | 79.103 | 78.899 | 78.241 | 77.608 | 78.273 | 27 |
| 28 | 79.102 | 79.061 | 77.456 | 78.264 | 77.937 | 79.248 | 78.903 | 79.156 | 78.952 | 78.116 | 77.630 | 78.303 | 28 |
| 29 | 79.106 | | 77.412 | 78.211 | 78.318A | 79.267 | 78.878 | 79.204 | 79.015 | 78.028 | 77.653 | 78.321 | 29 |
| 30 | 79.139 | | 77.378E | 78.165 | 78.580E | 79.281 | 79.066 | 79.251 | 79.095 | 77.972 | 77.684 | 78.354 | 30 |
| 31 | 79.181 | | 77.340E | | 78.860E | | 79.282 | 79.302 | | 77.915 | | 78.385 | 31 |
| MEAN | 78.714 | 79.128 | 78.192 | 77.940 | 78.349 | 79.233 | 79.240 | 79.249 | 78.766 | 78.843 | 77.720 | 78.032 | MEAN |
| MAX | 79.181 | 79.250 | 79.044 | 78.518 | 79.243 | 79.372 | 79.420 | 79.518 | 79.273 | 79.200 | 77.858 | 78.385 | MAX |
| MIN | 78.019 | 78.948 | 77.340 | 77.290 | 77.549 | 78.933 | 78.878 | 79.015 | 78.572 | 77.915 | 77.597 | 77.707 | MIN |

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 78.615
MAXIMUM DAILY, 79.518 ON AUG 1
MINIMUM DAILY, 77.290E ON APR 3
MAXIMUM INSTANTANEOUS,
79.557 AT 10:45 YST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 39 24 N
LONG 135 55 02 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1952

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

## WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.12B | 2.14B | 1.69B | 1.57B | 1.96B | 11.7 | 30.3 | 16.0 | 9.61 | 8.61A | 5.00B | 3.45B | 1 |
| 2 | 3.10B | 2.14B | 1.70B | 1.58B | 2.02B | 14.4 | 28.1 | 15.6 | 11.5 | 7.69 | 5.00B | 3.38B | 2 |
| 3 | 3.07B | 2.14B | 1.74B | 1.59B | 2.10B | 16.5 | 24.0 | 18.7 | 11.1 | 7.25 | 5.00B | 3.28B | 3 |
| 4 | 3.06B | 2.14B | 1.76B | 1.60B | 2.25B | 15.2 | 23.7 | 17.0 | 10.4 | 6.91 | 5.05B | 3.22B | 4 |
| 5 | 3.04B | 2.14B | 1.78B | 1.60B | 2.45B | 13.6 | 22.8 | 15.6 | 10.1 | 6.75 | 5.00B | 3.20B | 5 |
| 6 | 3.00B | 2.18B | 1.77B | 1.60B | 2.60B | 15.0 | 21.3 | 14.9 | 10.2 | 6.77 | 4.96B | 3.20B | 6 |
| 7 | 2.85B | 2.20B | 1.77B | 1.60B | 2.80B | 24.1 | 23.8 | 13.8 | 12.6 | 6.70 | 4.80B | 3.23B | 7 |
| 8 | 2.75B | 2.15B | 1.76B | 1.60B | 3.10B | 38.5 | 32.8 | 13.0 | 12.5 | 6.47 | 4.60B | 3.21B | 8 |
| 9 | 2.75B | 2.10B | 1.75B | 1.59B | 3.50B | 47.2A | 29.2 | 13.3 | 11.2 | 6.52 | 4.55B | 3.20B | 9 |
| 10 | 2.78B | 2.00B | 1.75B | 1.60B | 3.85B | 46.8 | 24.4 | 12.1 | 10.3 | 7.06 | 4.50B | 3.21B | 10 |
| 11 | 2.80B | 1.85B | 1.70B | 1.60B | 4.20B | 50.6 | 21.3 | 11.3 | 9.75 | 6.85 | 4.60B | 3.24B | 11 |
| 12 | 2.85B | 1.80B | 1.67B | 1.60B | 4.60B | 54.6 | 18.8 | 11.8 | 9.28 | 6.52 | 4.70B | 3.27B | 12 |
| 13 | 2.82B | 1.85B | 1.65B | 1.60B | 5.00B | 49.1 | 16.8 | 12.3 | 8.86 | 6.56 | 4.75B | 3.25B | 13 |
| 14 | 2.75B | 1.90B | 1.63B | 1.60B | 4.70B | 37.4 | 17.7 | 12.5 | 8.58 | 6.28 | 4.70B | 3.20B | 14 |
| 15 | 2.60B | 1.92B | 1.65B | 1.61B | 4.10B | 31.4 | 19.3 | 11.9 | 8.98 | 5.98 | 4.50B | 3.10B | 15 |
| 16 | 2.55B | 1.95B | 1.67B | 1.62B | 3.80B | 25.9 | 19.3 | 12.0 | 10.1 | 5.96B | 4.40B | 3.00B | 16 |
| 17 | 2.53B | 1.92B | 1.69B | 1.65B | 4.00E | 23.6 | 16.6 | 12.3 | 9.49 | 5.95B | 4.10B | 2.75B | 17 |
| 18 | 2.50B | 1.90B | 1.70B | 1.66B | 4.40E | 24.9 | 15.3 | 11.4 | 8.89 | 5.92B | 3.95B | 2.70B | 18 |
| 19 | 2.50B | 1.85B | 1.70B | 1.68B | 5.00E | 42.0 | 14.6 | 10.8 | 8.41 | 5.90B | 3.90B | 2.67B | 19 |
| 20 | 2.45B | 1.80B | 1.70B | 1.68B | 5.70E | 47.7 | 16.2 | 10.4 | 8.24 | 5.91 | 3.90B | 2.62B | 20 |
| 21 | 2.45B | 1.78B | 1.69B | 1.69B | 6.40E | 31.9 | 17.7 | 10.0 | 8.26 | 5.75 | 3.85B | 2.60B | 21 |
| 22 | 2.45B | 1.78B | 1.67B | 1.70B | 6.80E | 24.3 | 17.0 | 9.72 | 7.91 | 5.61 | 3.85B | 2.58B | 22 |
| 23 | 2.40B | 1.78B | 1.65B | 1.70B | 6.30E | 24.7 | 16.7 | 9.46 | 7.58 | 5.59 | 3.92B | 2.60B | 23 |
| 24 | 2.35B | 1.77B | 1.63B | 1.72B | 6.00E | 27.9 | 15.9 | 9.94 | 7.58 | 5.57 | 3.90B | 2.61B | 24 |
| 25 | 2.25B | 1.75B | 1.61B | 1.73B | 5.40E | 34.0A | 16.2 | 10.0 | 7.48 | 5.57A | 3.87B | 2.63B | 25 |
| 26 | 2.20B | 1.70B | 1.60B | 1.75B | 5.20E | 37.2 | 16.2 | 9.96 | 7.24 | 5.55B | 3.84B | 2.70B | 26 |
| 27 | 2.15B | 1.68B | 1.62B | 1.77B | 5.80E | 41.9 | 15.1 | 10.4 | 7.06 | 5.42B | 3.82B | 2.72B | 27 |
| 28 | 2.10B | 1.67B | 1.60B | 1.80B | 6.47A | 44.3 | 14.6 | 11.0 | 6.93 | 5.30B | 3.80B | 2.74B | 28 |
| 29 | 2.08B | | 1.60B | 1.85B | 7.16 | 40.9 | 14.7 | 11.1 | 6.72 | 5.20B | 3.75B | 2.76B | 29 |
| 30 | 2.10B | | 1.59B | 1.90B | 7.83 | 33.3 | 15.8 | 10.7 | 7.29 | 5.15B | 3.60B | 2.75B | 30 |
| 31 | 2.12B | | 1.58B | | 9.54 | | 17.6 | 10.0 | | 5.10B | | 2.72B | 31 |
| TOTAL | 80.52 | 53.98 | 52.07 | 49.84 | 145.03 | 970.6 | 613.4 | 378.98 | 274.14 | 192.37 | 130.16 | 91.79 | TOTAL |
| MEAN | 2.60 | 1.93 | 1.68 | 1.66 | 4.68 | 32.4 | 19.8 | 12.2 | 9.14 | 6.21 | 4.34 | 2.96 | MEAN |
| MAX | 3.12 | 2.20 | 1.78 | 1.90 | 9.54 | 54.6 | 32.8 | 18.7 | 12.6 | 8.61 | 5.05 | 3.45 | MAX |
| MIN | 2.08 | 1.67 | 1.58 | 1.57 | 1.96 | 11.7 | 14.6 | 9.46 | 6.72 | 5.10 | 3.60 | 2.58 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.31
MAXIMUM DAILY, 54.6 ON JUN 12
MINIMUM DAILY, 1.57B ON APR 1
MAXIMUM INSTANTANEOUS,
58.8 AT 10:03 YST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 08 05 N
LONG 134 53 45 W
DRAINAGE AREA, 875 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 960 | JUL | 53 000 |
| FEB | 4 660 | AUG | 32 700 |
| MAR | 4 500 | SEP | 23 700 |
| APR | 4 310 | OCT | 16 600 |
| MAY | 12 500 | NOV | 11 200 |
| JUN | 83 900 | DEC | 7 930 |

TOTAL DISCHARGE, 262 000 dam³

YUKON TERRITORY

## WHITE RIVER AT KILOMETRE 1881.6 ALASKA HIGHWAY - STATION NO. 09CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.6B | 12.1B | 11.1B | 12.5B | 16.6B | 153 | 353 | 544 | 166 | 48.8 | 24.5B | 15.0B | 1 |
| 2 | 12.8B | 12.4B | 11.3B | 12.6B | 17.5B | 203 | 268 | 467 | 152 | 46.5 | 24.1B | 14.4B | 2 |
| 3 | 13.0B | 12.7B | 11.5B | 12.7B | 18.0B | 219 | 271 | 426 | 143 | 44.8 | 24.0B | 14.1B | 3 |
| 4 | 13.0B | 13.0B | 12.0B | 12.9B | 18.8B | 120 | 289 | 419 | 132 | 43.6 | 23.8B | 14.3B | 4 |
| 5 | 12.9B | 13.1B | 12.3B | 13.0B | 19.4B | 127 | 295 | 415 | 126 | 43.2 | 23.4B | 14.5B | 5 |
| 6 | 12.7B | 13.3B | 12.5B | 13.0B | 20.0B | 157 | 265 | 410 | 119 | 43.0 | 23.0B | 15.2B | 6 |
| 7 | 12.5B | 13.4B | 12.5B | 13.1B | 20.9B | 266 | 320 | 402 | 117 | 42.3 | 22.6B | 15.8B | 7 |
| 8 | 12.4B | 13.4B | 12.6B | 12.9B | 21.8B | 253 | 406 | 383 | 114 | 41.5 | 22.4B | 16.0B | 8 |
| 9 | 12.5B | 13.3B | 12.4B | 13.0B | 22.7B | 248 | 459 | 346 | 109 | 44.4 | 22.3B | 15.9B | 9 |
| 10 | 12.7B | 13.0B | 12.1B | 13.0B | 24.0B | 244 | 472 | 266 | 102 | 47.0 | 22.1B | 16.0B | 10 |
| 11 | 13.0B | 12.6B | 11.9B | 13.1B | 25.0B | 253 | 508 | 255 | 98.5 | 49.1 | 22.0B | 16.0B | 11 |
| 12 | 13.1B | 12.0B | 11.7B | 13.3B | 26.3B | 234 | 462 | 281 | 96.0 | 49.7 | 21.6B | 15.9B | 12 |
| 13 | 13.2B | 11.3B | 11.5B | 13.5B | 27.4B | 221 | 370 | 276 | 92.0 | 49.8 | 21.0B | 15.6B | 13 |
| 14 | 12.8B | 11.0B | 11.3B | 13.5B | 29.0B | 167 | 340 | 289 | 106 | 47.1 | 20.0B | 15.3B | 14 |
| 15 | 12.5B | 10.9B | 11.4B | 13.6B | 31.0B | 151 | 349 | 387 | 124 | 43.2 | 19.6B | 14.8B | 15 |
| 16 | 12.7B | 10.9B | 11.5B | 13.5B | 33.0B | 148 | 326 | 497 | 198 | 40.6 | 18.5B | 14.2B | 16 |
| 17 | 12.9B | 11.0B | 11.7B | 13.4B | 35.0B | 147 | 302 | 568 | 217 | 39.2 | 18.0B | 13.5B | 17 |
| 18 | 13.3B | 11.1B | 12.0B | 13.5B | 37.5B | 164 | 288 | 504 | 195 | 37.9 | 17.5B | 13.1B | 18 |
| 19 | 13.4B | 11.1B | 12.5B | 13.6B | 40.5B | 180 | 318 | 452 | 181 | 39.0 | 17.4B | 13.0B | 19 |
| 20 | 13.5B | 11.0B | 13.0B | 13.8B | 45.0B | 194 | 279 | 413 | 196 | 38.1 | 17.1B | 12.9B | 20 |
| 21 | 13.1B | 11.1B | 13.3B | 13.9B | 49.5B | 142 | 258 | 380 | 188 | 40.5 | 17.0B | 12.6B | 21 |
| 22 | 12.8B | 11.3B | 13.5B | 14.1B | 53.7B | 143 | 300 | 377 | 162 | 40.7 | 17.0B | 12.5B | 22 |
| 23 | 12.0B | 11.5B | 13.4B | 14.3B | 58.0B | 158 | 311 | 400 | 140 | 39.8 | 17.1B | 12.5B | 23 |
| 24 | 11.8B | 11.5B | 13.2B | 14.6B | 63.0B | 204 | 409 | 420 | 107 | 39.0 | 17.1B | 12.6B | 24 |
| 25 | 11.5B | 11.3B | 12.8B | 15.0B | 70.0B | 249 | 533 | 414 | 78.2 | 39.4 | 17.0B | 12.9B | 25 |
| 26 | 11.5B | 11.2B | 12.4B | 15.2B | 84.0B | 307 | 597 | 484 | 69.1 | 38.4 | 16.7B | 13.1B | 26 |
| 27 | 11.6B | 11.1B | 12.2B | 15.5B | 92.0B | 367 | 551 | 392 | 60.5 | 37.4 | 16.5B | 13.5B | 27 |
| 28 | 11.7B | 11.1B | 11.9B | 16.0B | 98.0B | 457 | 584 | 288 | 54.3 | 36.9 | 16.0B | 13.7B | 28 |
| 29 | 11.8B | | 12.0B | 16.1B | 107 A | 418 | 647 | 239 | 50.6 | 36.5 | 15.6B | 13.8B | 29 |
| 30 | 11.9B | | 12.4B | 16.4B | 128 | 383 | 806 | 205 | 50.1 | 36.1 | 15.4B | 13.7B | 30 |
| 31 | 12.0B | | 12.5B | | 134 | | 754 | 189 | | 36.2 | | 13.6B | 31 |
| TOTAL | 389.2 | 332.7 | 378.4 | 414.6 | 1 466.6 | 6 677 | 12 690 | 11 748 | 3 783.3 | 1 299.7 | 590.3 | 440.0 | TOTAL |
| MEAN | 12.6 | 11.9 | 12.2 | 13.8 | 47.3 | 223 | 409 | 379 | 125 | 41.9 | 19.7 | 14.2 | MEAN |
| MAX | 13.5 | 13.4 | 13.5 | 16.4 | 134 | 457 | 806 | 568 | 217 | 49.8 | 24.5 | 16.0 | MAX |
| MIN | 11.5 | 10.9 | 11.1 | 12.5 | 16.6 | 120 | 258 | 189 | 50.1 | 36.1 | 15.4 | 12.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 110
MAXIMUM DAILY, 806 ON JUL 30
MINIMUM DAILY, 10.9B ON FEB 15
MAXIMUM INSTANTANEOUS,
919 AT 07:40 YST ON JUL 30

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 58 41 N
LONG 140 33 10 W
DRAINAGE AREA, 6 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 33 600 | JUL 1 | 180 000 |
| FEB | 28 700 | AUG 1 | 020 000 |
| MAR | 32 700 | SEP | 323 000 |
| APR | 35 800 | OCT | 112 000 |
| MAY | 127 000 | NOV | 51 000 |
| JUN | 577 000 | DEC | 38 000 |

TOTAL DISCHARGE, 3 480 000 dam³

## WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.73B | 1.03 B | 0.980B | 1.40B | 2.70B | 327 | 33.0 | 43.2 | 17.4 | 27.7 | 4.85B | 3.55B | 1 |
| 2 | 2.70B | 1.04 B | 1.00 B | 1.55B | 2.55B | 300 E | 27.9 | 112 | 16.9 | 23.8 | 4.85B | 3.45B | 2 |
| 3 | 2.51B | 1.05 B | 1.07 B | 1.67B | 2.45B | 280 E | 24.4 | 131 | 17.1 | 20.7 | 4.85B | 3.30B | 3 |
| 4 | 2.48B | 1.07 B | 1.12 B | 1.74B | 2.48B | 250 E | 142 | 113 | 21.6 | 18.8 B | 4.85B | 2.85B | 4 |
| 5 | 2.42B | 1.10 B | 1.18 B | 1.81B | 2.55B | 230 E | 183 | 86.7 | 25.2 | 18.0 B | 4.75B | 2.60B | 5 |
| 6 | 2.44B | 1.14 B | 1.23 B | 1.90B | 2.70B | 215 E | 118 | 72.3 | 30.0 | 17.5 B | 4.50B | 2.54B | 6 |
| 7 | 2.38B | 1.19 B | 1.29 B | 1.98B | 2.80B | 205 E | 70.5 | 57.3 | 35.0 | 17.2 B | 4.20B | 2.51B | 7 |
| 8 | 2.30B | 1.13 B | 1.32 B | 2.02B | 2.83B | 200 E | 52.0 | 48.6 | 40.5 | 17.0 B | 4.15B | 2.50B | 8 |
| 9 | 2.12B | 1.08 B | 1.30 B | 2.07B | 2.81B | 195 E | 39.3 | 37.0 | 67.1 | 16.7 B | 4.20B | 2.50B | 9 |
| 10 | 2.13B | 1.00 B | 1.28 B | 1.96B | 2.90B | 190 E | 43.3 | 38.1 | 80.7 | 16.0 B | 4.25B | 2.50B | 10 |
| 11 | 2.19B | 0.925B | 1.20 B | 1.86B | 3.10B | 185 E | 113 | 55.3 | 78.4 | 12.5 B | 4.25B | 2.48B | 11 |
| 12 | 2.28B | 0.925B | 1.10 B | 1.80B | 3.80B | 200 E | 120 | 57.6 | 65.8 | 11.0 B | 4.20B | 2.43B | 12 |
| 13 | 2.27B | 0.960B | 1.10 B | 1.73B | 5.20B | 210 E | 78.0 | 59.4 | 53.8 | 10.8 B | 4.18B | 2.37B | 13 |
| 14 | 2.08B | 1.00 B | 1.04 B | 1.65B | 8.00B | 250 E | 55.7 | 53.9 | 45.9 | 10.2 B | 3.85B | 2.36B | 14 |
| 15 | 1.88B | 1.00 B | 1.03 B | 1.62B | 12.0 B | 340 E | 40.5 | 44.5 | 40.0 | 10.1 B | 3.62B | 2.38B | 15 |
| 16 | 1.80B | 0.940B | 1.07 B | 1.78B | 20.0 B | 401 | 32.6 | 37.5 | 35.7 | 10.0 B | 3.50B | 2.41B | 16 |
| 17 | 1.80B | 0.910B | 1.06 B | 1.90B | 30.0 B | 435 | 30.0 | 34.1 | 32.7 | 9.70B | 3.46B | 2.40B | 17 |
| 18 | 1.80B | 0.840B | 1.22 B | 1.99B | 50.0 B | 290 E | 36.2 | 35.4 | 30.2 | 8.20B | 3.50B | 2.40B | 18 |
| 19 | 1.82B | 0.820B | 1.33 B | 2.05B | 80.0 B | 204 | 52.6 | 41.5 | 28.0 | 7.30B | 3.60B | 2.32B | 19 |
| 20 | 1.80B | 0.800B | 1.40 B | 2.08B | 115 B | 154 | 47.3 | 47.8 | 26.8 | 7.00B | 3.68B | 2.20B | 20 |
| 21 | 1.77B | 0.790B | 1.50 B | 2.01B | 175 B | 214 | 36.3 | 46.4 | 25.2 | 6.85B | 3.69B | 2.08B | 21 |
| 22 | 1.60B | 0.800B | 1.60 B | 1.92B | 300 B | 206 | 27.9 | 42.8 | 23.8 | 6.80B | 3.67B | 2.03B | 22 |
| 23 | 1.45B | 0.800B | 1.65 B | 1.93B | 616 | 163 | 21.7 | 39.9 | 24.1 | 6.75B | 3.50B | 2.01B | 23 |
| 24 | 1.33B | 0.800B | 1.60 B | 1.99B | 734 | 115 | 18.8 | 36.8 | 36.8 | 6.60B | 3.40B | 2.00B | 24 |
| 25 | 1.32B | 0.820B | 1.56 B | 2.10B | 851 | 78.6 | 16.9 | 33.7 | 82.2 | 6.00B | 3.35B | 2.00B | 25 |
| 26 | 1.30B | 0.850B | 1.45 B | 2.21B | 911 | 59.0 | 16.6 | 30.2 | 72.2 | 5.60B | 3.32B | 2.01B | 26 |
| 27 | 1.28B | 0.880B | 1.40 B | 2.30B | 1 030 | 46.4 | 17.0 | 26.6 | 54.3 | 5.40B | 3.40B | 2.02B | 27 |
| 28 | 1.20B | 0.920B | 1.36 B | 2.26B | 940 | 36.9 | 18.3 | 23.9 | 44.4 | 5.20B | 3.45B | 2.05B | 28 |
| 29 | 1.10B | | 1.35 B | 2.30B | 819 | 32.0 | 16.9 | 21.4 | 37.4 | 5.00B | 3.55B | 2.08B | 29 |
| 30 | 1.10B | | 1.33 B | 2.60B | 674 | 32.5 | 16.3 | 19.3 | 32.1 | 4.90B | 3.60B | 2.09B | 30 |
| 31 | 1.03B | | 1.32 B | | 453 | | 20.4 | 18.1 | | 4.80B | | 2.10B | 31 |
| TOTAL | 58.41 | 26.610 | 39.520 | 58.18 | 7 856.87 | 6 044.4 | 1 566.4 | 1 541.3 | 1 221.3 | 354.10 | 118.22 | 74.52 | TOTAL |
| MEAN | 1.88 | 0.950 | 1.27 | 1.94 | 253 | 201 | 50.5 | 49.7 | 40.7 | 11.4 | 3.94 | 2.40 | MEAN |
| MAX | 2.73 | 1.19 | 1.65 | 2.60 | 1 030 | 435 | 183 | 131 | 82.2 | 27.7 | 4.85 | 3.55 | MAX |
| MIN | 1.03 | 0.790 | 0.980 | 1.40 | 2.45 | 32.0 | 16.3 | 18.1 | 16.9 | 4.80 | 3.32 | 2.00 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 51.9
MAXIMUM DAILY, 1 030 ON MAY 27
MINIMUM DAILY, 0.790B ON FEB 21
MAXIMUM INSTANTANEOUS,
1 070 AT 16:25 YST ON MAR 27

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 25 38 N
LONG 138 24 10 W
DRAINAGE AREA, 6 730 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 050 | JUL | 135 000 |
| FEB | 2 300 | AUG | 133 000 |
| MAR | 3 410 | SEP | 106 000 |
| APR | 5 030 | OCT | 30 600 |
| MAY | 679 000 | NOV | 10 200 |
| JUN | 522 000 | DEC | 6 440 |

TOTAL DISCHARGE, 1 640 000 dam³

## YUKON TERRITORY

### YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 191B | 173B | 163B | 152B | 171E | 212 | 457 | 633 | 667 | 584 | 318 | 225B | 1 |
| 2 | 190B | 173B | 162B | 151B | 171E | 215 | 469 | 638 | 666 | 578 | 310 | 218B | 2 |
| 3 | 189B | 175B | 162B | 150B | 171E | 218 | 481 | 646 | 663 | 574 | 304 | 208B | 3 |
| 4 | 188B | 175B | 163B | 153B | 170E | 224 | 494 | 653 | 664 | 571 | 302E | 200B | 4 |
| 5 | 188B | 176B | 164B | 155B | 170E | 228 | 506 | 661 | 663 | 563 | 300E | 198B | 5 |
| 6 | 188B | 177B | 165B | 157B | 171E | 232 | 515 | 667 | 661 | 558 | 291E | 199B | 6 |
| 7 | 185B | 178B | 163B | 158B | 172E | 235 | 526 | 671 | 663 | 556 | 284E | 200B | 7 |
| 8 | 184B | 179B | 161B | 159B | 173E | 239 | 537 | 676 | 656 | 545 | 280E | 200B | 8 |
| 9 | 182B | 179B | 160B | 159B | 175E | 246 | 547 | 681 | 652 | 534 | 278E | 199B | 9 |
| 10 | 180B | 180B | 159B | 159B | 178E | 253 | 554 | 681 | 651 | 526 | 277E | 195B | 10 |
| 11 | 180B | 180B | 159B | 160B | 179E | 262 | 564 | 682 | 650 | 515 | 278E | 194B | 11 |
| 12 | 180B | 181B | 159B | 160B | 180E | 271 | 571 | 679 | 647 | 511 | 276E | 195B | 12 |
| 13 | 179B | 180B | 159B | 160B | 180E | 277 | 575 | 680 | 646 | 506 | 272E | 194B | 13 |
| 14 | 178B | 179B | 158B | 159B | 180E | 285 | 584 | 685 | 643 | 481 | 268E | 191B | 14 |
| 15 | 177B | 179B | 158B | 160B | 180E | 294 | 588 | 687 | 638 | 459 | 262E | 188B | 15 |
| 16 | 176B | 179B | 157B | 161B | 181E | 302 | 599 | 687 | 639 | 448 | 263E | 183B | 16 |
| 17 | 177B | 178B | 157B | 162B | 181E | 311 | 602 | 686 | 629 | 441 | 261E | 180B | 17 |
| 18 | 177B | 177B | 158B | 163B | 182E | 319 | 603 | 683 | 629 | 438 | 258E | 179B | 18 |
| 19 | 177B | 176B | 159B | 163B | 183E | 328 | 605 | 684 | 626 | 432 | 251E | 178B | 19 |
| 20 | 177B | 175B | 159B | 162B | 184E | 340 | 610 | 683 | 620 | 429 | 241E | 179B | 20 |
| 21 | 175B | 174B | 159B | 162B | 186E | 349 | 613 | 682 | 615 | 423 | 238E | 180B | 21 |
| 22 | 173B | 173B | 159B | 162B | 188E | 358 | 615 | 682 | 612 | 414 | 235E | 179B | 22 |
| 23 | 172B | 172B | 159B | 163B | 190E | 369 | 618 | 680 | 609 | 406 | 232E | 177B | 23 |
| 24 | 171B | 171B | 158B | 164B | 191E | 378 | 618 | 677 | 607 | 398 | 230E | 175B | 24 |
| 25 | 172B | 170B | 157B | 165B | 192E | 388 | 615 | 673 | 601 | 391 | 232E | 172B | 25 |
| 26 | 173B | 169B | 156B | 166E | 195E | 399 | 615 | 673 | 598 | 382 | 230E | 170B | 26 |
| 27 | 172B | 165B | 155B | 168E | 199E | 409 | 623 | 675 | 597 | 372 | 228E | 171B | 27 |
| 28 | 172B | 164B | 154B | 169E | 200E | 423 | 624 | 673 | 594 | 360 | 230E | 172B | 28 |
| 29 | 171B | | 153B | 170E | 200E | 433 | 628 | 673 | 590 | 353 | 228E | 173B | 29 |
| 30 | 172B | | 152B | 170E | 202E | 446 | 632 | 673 | 590 | 337 | 226E | 173B | 30 |
| 31 | 172B | | 152B | | 205A | | 632 | 670 | | 328 | | 172B | 31 |
| TOTAL | 5 538 | 4 907 | 4 919 | 4 822 | 5 680 | 9 243 | 17 820 | 20 874 | 18 986 | 14 413 | 7 883 | 5 817 | TOTAL |
| MEAN | 179 | 175 | 159 | 161 | 183 | 308 | 575 | 673 | 633 | 465 | 263 | 188 | MEAN |
| MAX | 191 | 181 | 165 | 170 | 205 | 446 | 632 | 687 | 667 | 584 | 318 | 225 | MAX |
| MIN | 171 | 164 | 152 | 150 | 170 | 212 | 457 | 633 | 590 | 328 | 226 | 170 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 331
MAXIMUM DAILY, 687 ON AUG 15
MINIMUM DAILY, 150B ON APR 3
MAXIMUM INSTANTANEOUS,
691 AT 17:43 YST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 26 04 N
LONG 135 11 18 W
DRAINAGE AREA, 30 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1925

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 478 000 | JUL | 1 540 000 |
| FEB | 424 000 | AUG | 1 800 000 |
| MAR | 425 000 | SEP | 1 640 000 |
| APR | 417 000 | OCT | 1 250 000 |
| MAY | 491 000 | NOV | 681 000 |
| JUN | 799 000 | DEC | 503 000 |

TOTAL DISCHARGE, 10 400 000 dam³

### YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 440B | 461B | 400B | 364B | 373B | 2 180 | 2 060 | 1 470 | 1 180 | 1 100 | 750B | 500B | 1 |
| 2 | 440B | 465B | 398B | 368B | 380B | 2 310 | 2 030 | 1 530 | 1 170 | 1 100 | 745B | 480B | 2 |
| 3 | 438B | 466B | 398B | 368B | 384B | 2 490 | 1 990 | 1 590 | 1 170 | 1 140 | 740B | 475B | 3 |
| 4 | 436B | 477B | 395B | 368B | 388B | 2 610 | 1 950 | 1 600 | 1 160 | 1 170 | 735B | 465B | 4 |
| 5 | 443B | 481B | 398B | 368B | 390B | 2 700 | 1 910 | 1 600 | 1 160 | 1 180 | 730B | 460B | 5 |
| 6 | 442B | 484B | 398B | 372B | 400B | 2 700 | 1 880 | 1 600 | 1 180 | 1 200 | 700B | 455B | 6 |
| 7 | 442B | 485B | 395B | 382B | 405B | 2 630 | 1 860 | 1 580 | 1 170 | 1 230 | 695B | 455B | 7 |
| 8 | 444B | 483B | 394B | 382B | 420B | 2 580 | 1 840 | 1 550 | 1 170 | 1 230 | 690B | 460B | 8 |
| 9 | 450B | 482B | 393B | 380B | 428B | 2 650 | 1 820 | 1 520 | 1 180 | 1 210 | 680B | 450B | 9 |
| 10 | 451B | 481B | 390B | 370B | 440B | 2 950 | 1 790 | 1 490 | 1 190 | 1 190 | 675B | 440B | 10 |
| 11 | 453B | 478B | 380B | 360B | 460B | 3 220 | 1 770 | 1 470 | 1 190 | 1 160 | 670B | 435B | 11 |
| 12 | 455B | 473B | 373B | 360B | 480B | 3 290 | 1 750 | 1 450 | 1 180 | 1 140 | 660B | 435B | 12 |
| 13 | 443B | 470B | 370B | 360B | 505B | 3 310 | 1 720 | 1 430 | 1 190 | 1 120 | 640B | 440B | 13 |
| 14 | 438B | 468B | 370B | 361B | 550B | 3 310 | 1 700 | 1 400 | 1 200 | 1 070E | 635B | 435B | 14 |
| 15 | 432B | 465B | 370B | 368B | 605B | 3 270 | 1 680 | 1 390 | 1 210 | 1 060E | 625B | 425B | 15 |
| 16 | 428B | 462B | 370B | 371B | 660B | 3 170 | 1 680 | 1 390 | 1 210 | 1 050E | 620B | 415B | 16 |
| 17 | 427B | 458B | 372B | 374B | 720B | 2 930 | 1 700 | 1 390 | 1 200 | 1 030E | 610B | 403B | 17 |
| 18 | 427B | 456B | 377B | 374B | 850B | 2 780 | 1 740 | 1 380 | 1 190 | 1 020E | 595B | 400B | 18 |
| 19 | 432B | 450B | 379B | 370B | 1 000E | 2 630 | 1 760 | 1 340 | 1 180 | 1 000E | 570B | 397B | 19 |
| 20 | 436B | 445B | 380B | 368B | 1 150E | 2 570 | 1 800 | 1 310 | 1 160 | 995E | 550B | 400B | 20 |
| 21 | 440B | 440B | 381B | 365B | 1 280E | 2 580 | 1 930 | 1 300 | 1 150 | 960E | 540B | 405B | 21 |
| 22 | 440B | 437B | 381B | 362B | 1 310E | 2 540 | 2 000 | 1 280 | 1 140 | 940E | 535B | 407B | 22 |
| 23 | 442B | 431B | 382B | 365B | 1 300E | 2 450 | 1 940 | 1 270 | 1 130 | 900E | 530B | 405B | 23 |
| 24 | 443B | 422B | 381B | 370B | 1 300E | 2 370 | 1 870 | 1 250 | 1 120 | 890E | 530B | 400B | 24 |
| 25 | 444B | 415B | 380B | 375B | 1 330E | 2 330 | 1 770 | 1 240 | 1 110 | 880E | 525B | 395B | 25 |
| 26 | 445B | 410B | 379B | 375B | 1 470E | 2 280 | 1 700 | 1 230 | 1 110 | 870E | 520B | 390B | 26 |
| 27 | 450B | 405B | 370B | 372B | 1 590E | 2 220 | 1 630 | 1 210 | 1 110 | 860E | 520B | 391B | 27 |
| 28 | 455B | 403B | 366B | 370B | 1 720 | 2 170 | 1 570 | 1 210 | 1 100 | 820E | 520B | 391B | 28 |
| 29 | 458B | | 364B | 365B | 1 820 | 2 120 | 1 530 | 1 200 | 1 100 | 800B | 515B | 390B | 29 |
| 30 | 460B | | 360B | 370B | 1 940 | 2 100 | 1 490 | 1 200 | 1 090 | 780B | 510B | 390B | 30 |
| 31 | 460B | | 362B | | 2 060 | | 1 460 | 1 190 | | 760B | | 389B | 31 |
| TOTAL | 13 750 | 12 753 | 11 806 | 11 077 | 28 108 | 79 440 | 55 320 | 43 060 | 34 800 | 31 855 | 18 560 | 13 178 | TOTAL |
| MEAN | 444 | 455 | 381 | 369 | 907 | 2 650 | 1 780 | 1 390 | 1 160 | 1 030 | 619 | 425 | MEAN |
| MAX | 460 | 485 | 400 | 382 | 2 060 | 3 310 | 2 060 | 1 600 | 1 210 | 1 230 | 750 | 500 | MAX |
| MIN | 427 | 403 | 360 | 360 | 373 | 2 100 | 1 460 | 1 190 | 1 090 | 760 | 510 | 389 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 849
MAXIMUM DAILY, 3 310 ON JUN 13
MINIMUM DAILY, 360B ON MAR 30
MAXIMUM INSTANTANEOUS,
3 320 AT 08:32 YST ON JUN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 05 02 N
LONG 139 29 40 W
DRAINAGE AREA, 150 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1925

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 190 000 | JUL | 4 780 000 |
| FEB | 1 100 000 | AUG | 3 720 000 |
| MAR | 1 020 000 | SEP | 3 010 000 |
| APR | 957 000 | OCT | 2 750 000 |
| MAY | 2 430 000 | NOV | 1 600 000 |
| JUN | 6 860 000 | DEC | 1 140 000 |

TOTAL DISCHARGE, 30 600 000 dam³

## YUKON RIVER AT CARMACKS - STATION NO. 09AH001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 360B | 406B | 356B | 307B | 338B | 865 | 1 460 | 1 120 | 963 | 887 | 570B | 378B | 1 |
| 2 | 359B | 414B | 355B | 306B | 329B | 922 | 1 440 | 1 120 | 959 | 931 | 555B | 350B | 2 |
| 3 | 357B | 420B | 353B | 304B | 329B | 981 | 1 420 | 1 140 | 962 | 919 | 555B | 340B | 3 |
| 4 | 358B | 424B | 352B | 300B | 330B | 1 050 | 1 410 | 1 140 | 971 | 895 | 550B | 334B | 4 |
| 5 | 360B | 424B | 351B | 310B | 332B | 1 030 | 1 400 | 1 130 | 970 | 886 | 540B | 333B | 5 |
| 6 | 360B | 424B | 350B | 315B | 340B | 1 010 | 1 400 | 1 120 | 965 | 874 | 525B | 337B | 6 |
| 7 | 362B | 434B | 350B | 320B | 342B | 1 050 | 1 390 | 1 110 | 962 | 867 | 505B | 339B | 7 |
| 8 | 366B | 432B | 350B | 322B | 344B | 1 190 | 1 380 | 1 100 | 969 | 866 | 496B | 338B | 8 |
| 9 | 367B | 430B | 349B | 321B | 349B | 1 400 | 1 370 | 1 090 | 969 | 857 | 495B | 330B | 9 |
| 10 | 370B | 428B | 348B | 318B | 354B | 1 480 | 1 360 | 1 090 | 965 | 848 | 495B | 329B | 10 |
| 11 | 372B | 422B | 332B | 315B | 362B | 1 490 | 1 360 | 1 080 | 958 | 839 | 498B | 330B | 11 |
| 12 | 375B | 420B | 327B | 310B | 373B | 1 520 | 1 340 | 1 070 | 954 | 832 | 480B | 331B | 12 |
| 13 | 373B | 418B | 320B | 310B | 380B | 1 530 | 1 330 | 1 060 | 947 | 828 | 467B | 330B | 13 |
| 14 | 375B | 416B | 319B | 312B | 400B | 1 540 | 1 320 | 1 060 | 938 | 819 | 465B | 320B | 14 |
| 15 | 370B | 416B | 320B | 319B | 420B | 1 520 | 1 320 | 1 050 | 936 | 791 | 460B | 315B | 15 |
| 16 | 371B | 412B | 320B | 323B | 440B | 1 520 | 1 310 | 1 040 | 929 | 751 | 455B | 305B | 16 |
| 17 | 371B | 408B | 320B | 326B | 460B | 1 510 | 1 320 | 1 040 | 921 | 718 | 485B | 300B | 17 |
| 18 | 372B | 402B | 326B | 325B | 490B | 1 500 | 1 310 | 1 030 | 911 | 710 | 430B | 298B | 18 |
| 19 | 375B | 398B | 330B | 323B | 544 | 1 520 | 1 330 | 1 020 | 907 | 716 | 410B | 298B | 19 |
| 20 | 380B | 390B | 330B | 320B | 598 | 1 580 | 1 330 | 1 010 | 903 | 718 | 400B | 299B | 20 |
| 21 | 385B | 380B | 330B | 319B | 603 | 1 610 | 1 290 | 1 000 | 894 | 719 | 397B | 300B | 21 |
| 22 | 389B | 380B | 330B | 319B | 602 | 1 560 | 1 260 | 996 | 884 | 705 | 395B | 300B | 22 |
| 23 | 390B | 378B | 330B | 319B | 596 | 1 520 | 1 240 | 988 | 887 | 691 | 390B | 300B | 23 |
| 24 | 390B | 376B | 326B | 321B | 597 | 1 520 | 1 220 | 981 | 879 | 681 | 387B | 297B | 24 |
| 25 | 390B | 372B | 325B | 321B | 601 | 1 520 | 1 210 | 976 | 887 | 662 | 386B | 292B | 25 |
| 26 | 390B | 367B | 315B | 320B | 608 | 1 520 | 1 190 | 976 | 884 | 659 | 385B | 290B | 26 |
| 27 | 391B | 364B | 310B | 319B | 639 | 1 510 | 1 170 | 976 | 878 | 640B | 387B | 292B | 27 |
| 28 | 398B | 361B | 306B | 319B | 689 | 1 510 | 1 150 | 975 | 873 | 635B | 383B | 298B | 28 |
| 29 | 400B | | 308B | 320B | 757 | 1 500 | 1 140 | 969 | 865 | 620B | 380B | 301B | 29 |
| 30 | 400B | | 309B | 325B | 794 | 1 480 | 1 130 | 966 | 863 | 605B | 378B | 300B | 30 |
| 31 | 402B | | 309B | | 831 | | 1 120 | 966 | | 580B | | 300B | 31 |
| TOTAL | 11 678 | 11 316 | 10 248 | 9 508 | 15 160 | 41 458 | 40 420 | 32 389 | 27 753 | 23 749 | 13 656 | 9 796 | TOTAL |
| MEAN | 377 | 404 | 331 | 317 | 489 | 1 380 | 1 300 | 1 040 | 925 | 766 | 455 | 316 | MEAN |
| MAX | 402 | 434 | 356 | 326 | 831 | 1 610 | 1 460 | 1 140 | 971 | 931 | 570 | 370 | MAX |
| MIN | 357 | 361 | 306 | 300 | 328 | 865 | 1 120 | 966 | 863 | 580 | 378 | 296 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 677
MAXIMUM DAILY, 1 610 ON JUN 21
MINIMUM DAILY, 290B ON DEC 26
MAXIMUM INSTANTANEOUS,
1 630 AT 07:25 YST ON JUN 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 05 45 N
LONG 136 16 18 W
DRAINAGE AREA, 81 800 km²

B - ICE CONDITIONS

REGULATED SINCE 1925

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 010 000 | JUL | 3 490 000 |
| FEB | 978 000 | AUG | 2 800 000 |
| MAR | 885 000 | SEP | 2 400 000 |
| APR | 821 000 | OCT | 2 050 000 |
| MAY | 1 310 000 | NOV | 1 180 000 |
| JUN | 3 580 000 | DEC | 846 000 |

TOTAL DISCHARGE, 21 400 000 dam³

## YUKON RIVER AT DAWSON - STATION NO. 09EB001

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 3.258 | 2.894 | 2.564 | 1.483 | 1.040 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 3.363 | 2.833 | 2.605 | 1.435 | 1.041 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 3.499 | 2.786 | 2.486 | 1.400 | 1.044 | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 3.641 | 2.697 | 2.490 | 1.383 | 1.080 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 3.648 | 2.609 | 2.629 | 1.364 | 1.107 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 3.583 | 2.569 | 2.696 | 1.353 | 1.137 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 3.532 | 2.531 | 2.667 | 1.327 | 1.150 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 3.538 | 2.453 | 2.580 | 1.320 | 1.139 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 3.589 | 2.433 | 2.489 | 1.331 | 1.106 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 3.582 | 2.441 | 2.403 | 1.324 | 1.081 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 3.734 | 2.466 | 2.312 | 1.309 | 1.058 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 3.868 | 2.496 | 2.210 | 1.295 | 1.015 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 3.918 | 2.505 | 2.131 | 1.286 | 1.010 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 3.878 | 2.500 | 2.098A | 1.285 | 0.983 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | 2.840A | 3.879 | 2.481 | 2.090E | 1.281 | 0.946 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | 2.648 | 3.938 | 2.515 | 2.082E | 1.292 | 0.912 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | 2.497 | 3.988 | 2.545 | 2.080E | 1.289 | 0.863 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | 2.568 | 3.964 | 2.572 | 2.078E | 1.310 | 0.856 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | 2.803 | 3.883 | 2.617 | 2.050E | 1.326 | 0.805 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | 3.023 | 3.755 | 2.661 | 2.010E | 1.291 | 0.786 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | 3.118 | 3.609 | 2.805 | 1.960E | 1.264 | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | 3.420 | 3.525 | 3.020 | 1.920E | 1.263 | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | 3.065 | 3.418 | 3.001 | 1.870E | 1.255 | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | 2.976 | 3.443 | 2.849 | 1.820E | 1.202 | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | 2.831 | 3.380 | 2.697 | 1.769A | 1.171 | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | 2.741 | 3.228 | 2.613 | 1.755 | 1.134 | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | 2.750 | 3.122 | 2.579 | 1.731 | 1.098 | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | 2.855 | 3.034 | 2.540 | 1.724 | 1.075 | --- | --- | --- | 28 |
| 29 | --- | | --- | --- | 3.014 | 2.969 | 2.465 | 1.706 | 1.058 | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | 3.119 | 2.935 | 2.445 | 1.615 | 1.045 | --- | --- | --- | 30 |
| 31 | --- | | --- | | 3.182 | | 2.518 | 1.539 | | --- | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | 3.557 | 2.617 | 2.134 | 1.275 | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | 3.988 | 3.020 | 2.696 | 1.483 | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 2.935 | 2.433 | 1.539 | 1.045 | --- | --- | --- | MIN |

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.988 ON JUN 17

MAXIMUM INSTANTANEOUS,
3.994 AT 13:37 YST ON JUN 17

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 311.826 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 04 12 N
LONG 139 25 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1925

DRAINAGE AREA,
264 000 km²

YUKON TERRITORY

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 143 | 150 | 155B | 169B | 138 | 157 | 380 | 460 | 477 | 442 | 148 | 107 | 1 |
| 2 | 143 | 150 | 159B | 163B | 134 | 162 | 390 | 464 | 474 | 410 | 146 | 104 | 2 |
| 3 | 142 | 149 | 161B | 164B | 135 | 173 | 394 | 467 | 476 | 418 | 143 | 110 | 3 |
| 4 | 144 | 145 | 162B | 161B | 138 | 173 | 402 | 470 | 474 | 411 | 153 | 126 | 4 |
| 5 | 141 | 149 | 169B | 162B | 133 | 175 | 408 | 478 | 475 | 389 | 144 | 123 | 5 |
| 6 | 137 | 149B | 174B | 160B | 143 | 188 | 406 | 474 | 476 | 413 | 134 | 134 | 6 |
| 7 | 137 | 147B | 173B | 161B | 136 | 178 | 414 | 476 | 480 | 371 | 135 | 130 | 7 |
| 8 | 142 | 147B | 172B | 162B | 147 | 202 | 417 | 481 | 478 | 361 | 135 | 136 | 8 |
| 9 | 141 | 146B | 192B | 164B | 153 | 208 | 425 | 479 | 472 | 334 | 141 | 138 | 9 |
| 10 | 142 | 153B | 178B | 156B | 146 | 219 | 423 | 468 | 469 | 334 | 153 | 141 | 10 |
| 11 | 141 | 152B | 171B | 161B | 143 | 231 | 429 | 473 | 468 | 332 | 155 | 140 | 11 |
| 12 | 141 | 155B | 179B | 162 | 144 | 234 | 435 | 465 | 466 | 332 | 156 | 139 | 12 |
| 13 | 139 | 153B | 176B | 156 | 152 | 246 | 433 | 470 | 465 | 326 | 142 | 138 | 13 |
| 14 | 141 | 152B | 175B | 162 | 166 | 254 | 430 | 462 | 465 | 190 | 133 | 136 | 14 |
| 15 | 138 | 152B | 174B | 160 | 174 | 265 | 433 | 481 | 463 | 165 | 138 | 136 | 15 |
| 16 | 137 | 156B | 170B | 164 | 159 | 267 | 441 | 473 | 470 | 299 | 139 | 140 | 16 |
| 17 | 136 | 155B | 175B | 159 | 159 | 287 | 442 | 476 | 462 | 297 | 132 | 135 | 17 |
| 18 | 137 | 160B | 174B | 160 | 159 | 289 | 441 | 467 | 460 | 304 | 133 | 137 | 18 |
| 19 | 141 | 161B | 176B | 157 | 155 | 302 | 440 | 470 | 463 | 303 | 134 | 136 | 19 |
| 20 | 148 | 158B | 180B | 158 | 159 | 306 | 442 | 467 | 459 | 301 | 136 | 137 | 20 |
| 21 | 157 | 158B | 179B | 168 | 157 | 309 | 436 | 467 | 456 | 231 | 148 | 132 | 21 |
| 22 | 155 | 157B | 175B | 166 | 155 | 317 | 448 | 472 | 456 | 249 | 147 | 134 | 22 |
| 23 | 152 | 158B | 174B | 153 | 155 | 326 | 444 | 475 | 455 | 245 | 147 | 135 | 23 |
| 24 | 148 | 160B | 173B | 154 | 149 | 327 | 449 | 473 | 456 | 240 | 146 | 135 | 24 |
| 25 | 151 | 160B | 176B | 152 | 154 | 336 | 448 | 473 | 447 | 235 | 143 | 137 | 25 |
| 26 | 149 | 158B | 175B | 161 | 155 | 339 | 454 | 472 | 449 | 194 | 145 | 137 | 26 |
| 27 | 149 | 157B | 171B | 146 | 148 | 347 | 448 | 473 | 449 | 188 | 138 | 134 | 27 |
| 28 | 149 | 152B | 172B | 152 | 150 | 363 | 452 | 472 | 443 | 185 | 134 | 137 | 28 |
| 29 | 149 | | 173B | 143 | 148 | 362 | 458 | 474 | 440 | 160 | 134 | 135 | 29 |
| 30 | 149 | | 171B | 137 | 158 | 380 | 455 | 479 | 442 | 146 | 121 | 143 | 30 |
| 31 | 149 | | 165B | | 156 | | 462 | 479 | | 149 | | 143 | 31 |
| TOTAL | 4 468 | 4 299 | 5 349 | 4 753 | 4 658 | 7 922 | 13 379 | 14 630 | 13 885 | 8 954 | 4 233 | 4 133 | TOTAL |
| MEAN | 144 | 154 | 173 | 158 | 150 | 264 | 432 | 472 | 463 | 289 | 141 | 133 | MEAN |
| MAX | 157 | 161 | 192 | 169 | 174 | 380 | 462 | 481 | 480 | 442 | 156 | 143 | MAX |
| MIN | 136 | 145 | 155 | 137 | 133 | 157 | 380 | 460 | 440 | 146 | 121 | 104 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 248
MAXIMUM DAILY, 481 ON AUG 8
MINIMUM DAILY, 104 ON DEC 2

DATA CONTRIBUTED BY -
NORTHERN CANADA POWER COMMISSION

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 60 42 50 N
LONG 135 02 35 W
DRAINAGE AREA, 19 400 km²

B - ICE CONDITIONS

REGULATED SINCE 1926

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 386 000 | JUL | 1 160 000 |
| FEB | 371 000 | AUG | 1 260 000 |
| MAR | 462 000 | SEP | 1 200 000 |
| APR | 411 000 | OCT | 774 000 |
| MAY | 402 000 | NOV | 366 000 |
| JUN | 684 000 | DEC | 357 000 |

TOTAL DISCHARGE, 7 830 000 dam³

NORTHWEST TERRITORIES

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 06MA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 0B | 0B | 0B | 0 B | 0.264E | 0.200E | 0.164 | 0.100B | --- | --- | 1 |
| 2 | --- | --- | 0B | 0B | 0B | 0 B | 0.245 | 0.178E | 0.164 | 0.090B | --- | --- | 2 |
| 3 | --- | --- | 0B | 0B | 0B | 0 B | 0.240E | 0.163E | 0.370E | 0.079B | --- | --- | 3 |
| 4 | --- | --- | 0B | 0B | 0B | 0 B | 0.234 | 0.152E | 0.601 | 0.070B | --- | --- | 4 |
| 5 | --- | --- | 0B | 0B | 0B | 0 B | 0.176 | 0.145E | 0.780E | 0.063B | --- | --- | 5 |
| 6 | --- | --- | 0B | 0B | 0B | 0 B | 0.147 | 0.158E | 0.680E | 0.058B | --- | --- | 6 |
| 7 | --- | --- | 0B | 0B | 0B | 0 B | 0.134E | 0.150E | 0.581 | 0.054B | --- | --- | 7 |
| 8 | --- | --- | 0B | 0B | 0B | 0 B | 0.126 | 0.128E | 0.533 | 0.047B | --- | --- | 8 |
| 9 | --- | --- | 0B | 0B | 0B | 0 B | 0.103 | 0.113E | 0.429 | 0.050B | --- | --- | 9 |
| 10 | --- | --- | 0B | 0B | 0B | 0 B | 0.092 | 0.097E | 0.347 | 0.053B | --- | --- | 10 |
| 11 | --- | --- | 0B | 0B | 0B | 0 B | 0.081 | 0.083 | 0.295B | 0.062B | --- | --- | 11 |
| 12 | --- | --- | 0B | 0B | 0B | 0 B | 0.081 | 0.076 | 0.210B | 0.108B | --- | --- | 12 |
| 13 | --- | --- | 0B | 0B | 0B | 0 B | 0.065 | 0.064 | 0.225B | 0.138B | --- | --- | 13 |
| 14 | --- | --- | 0B | 0B | 0B | 1.60 B | 0.065 | 0.058E | 0.245B | 0.162B | --- | --- | 14 |
| 15 | --- | --- | 0B | 0B | 0B | 2.93 B | 0.069 | 0.051E | 0.265B | 0.126B | --- | --- | 15 |
| 16 | --- | --- | 0B | 0B | 0B | 2.63 | 0.076 | 0.051 | 0.300B | 0.097B | --- | --- | 16 |
| 17 | --- | --- | 0B | 0B | 0B | 2.97 | 0.094E | 0.051 | 0.353 | 0.081B | --- | --- | 17 |
| 18 | --- | --- | 0B | 0B | 0B | 2.78 | 0.106 | 0.049 | 0.615 | 0.069B | --- | --- | 18 |
| 19 | --- | --- | 0B | 0B | 0B | 1.80 E | 0.103 | 0.049 | 0.800E | 0.059B | --- | --- | 19 |
| 20 | --- | --- | 0B | 0B | 0B | 1.14 E | 0.160 | 0.049E | 0.615 | 0.054B | --- | --- | 20 |
| 21 | --- | --- | 0B | 0B | 0B | 0.740 | 0.273 | 0.049 | 0.500B | 0.050B | --- | --- | 21 |
| 22 | --- | --- | 0B | 0B | 0B | 0.535E | 0.400E | 0.049E | 0.440B | 0.045B | --- | --- | 22 |
| 23 | --- | --- | 0B | 0B | 0B | 0.970 | 0.355E | 0.052 | 0.380B | 0.039B | --- | --- | 23 |
| 24 | --- | --- | 0B | 0B | 0B | 0.887 | 0.295E | 0.073 | 0.330B | 0.035B | --- | --- | 24 |
| 25 | --- | --- | 0B | 0B | 0B | 0.725 | 0.260E | 0.166 | 0.275B | 0.033B | --- | --- | 25 |
| 26 | --- | --- | 0B | 0B | 0B | 0.638 | 0.237 | 0.390E | 0.235B | 0.031B | --- | --- | 26 |
| 27 | --- | --- | 0B | 0B | 0B | 0.472 | 0.215E | 0.700E | 0.198B | 0.029B | --- | --- | 27 |
| 28 | --- | --- | 0B | 0B | 0B | 0.413 | 0.219 | 0.460E | 0.168B | 0.027B | --- | --- | 28 |
| 29 | --- | | 0B | 0B | 0B | 0.385 | 0.223 | 0.280E | 0.142B | 0.025B | --- | --- | 29 |
| 30 | --- | | 0B | 0B | 0B | 0.308 | 0.216 | 0.200E | 0.120B | 0.023B | --- | --- | 30 |
| 31 | --- | | 0B | | 0B | | 0.210E | 0.170E | | 0.022B | | --- | 31 |
| TOTAL | --- | --- | 0 | 0 | 0 | 21.923 | 5.564 | 4.654 | 11.360 | 1.979 | --- | --- | TOTAL |
| MEAN | --- | --- | 0 | 0 | 0 | 0.731 | 0.179 | 0.150 | 0.379 | 0.064 | --- | --- | MEAN |
| MAX | --- | --- | 0 | 0 | 0 | 2.97 | 0.400 | 0.700 | 0.800 | 0.162 | --- | --- | MAX |
| MIN | --- | --- | 0 | 0 | 0 | 0 | 0.065 | 0.049 | 0.120 | 0.022 | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.247
MAXIMUM DAILY, 2.97 ON JUN 17
MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 64 19 10 N
LONG 96 01 50 W
DRAINAGE AREA, 18.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 481 |
| FEB | --- | AUG | 402 |
| MAR | 0 | SEP | 982 |
| APR | 0 | OCT | 171 |
| MAY | 0 | NOV | --- |
| JUN | 1 890 | DEC | --- |

TOTAL DISCHARGE, 3 930 dam³

ALLEN RIVER NEAR THE MOUTH - STATION NO. 10TC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0B | 0B | --- | 2.35A | --- | 0B | 0B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0B | 0B | --- | 3.29 | --- | 0B | 0B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0B | 0B | --- | 3.51 | --- | 0B | 0B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0B | 0B | --- | 4.03A | --- | 0B | 0B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0B | 0B | 37.4 A | --- | --- | 0B | 0B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0B | 0B | 17.8 | --- | --- | 0B | 0B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0B | 0B | 13.1 | --- | --- | 0B | 0B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0B | 0B | 10.2 | --- | --- | 0B | 0B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0B | 0B | 9.56 | --- | --- | 0B | 0B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0B | 0B | 8.67A | --- | --- | 0B | 0B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 0B | --- | --- | --- | --- | 0B | 0B | 0B | 30 |
| 31 | 0B | | 0B | | 0B | | --- | --- | | 0B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | 0 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | 0 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | 0 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON JUN 1

SUMMARY FOR THE MONTHS JUN TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 74 58 28 N
LONG 95 03 38 W
DRAINAGE AREA, 648 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | --- |
| FEB | 0 | AUG | --- |
| MAR | 0 | SEP | --- |
| APR | 0 | OCT | 0 |
| MAY | 0 | NOV | 0 |
| JUN | --- | DEC | 0 |

## NORTHWEST TERRITORIES

### ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 35.5B | 37.0B | 23.8B | 15.9B | 23.5B | 1 650E | 575 | 186 | 103 | 79.0 | 34.2B | 24.5B | 1 |
| 2 | 34.8B | 36.6B | 25.5B | 15.5B | 27.6B | 1 570E | 583 | 180 | 103 | 76.7 | 33.9B | 24.3B | 2 |
| 3 | 34.0B | 36.2B | 25.2B | 15.0B | 33.4B | 1 500E | 585 | 174 | 102 | 70.8 | 33.4B | 24.0B | 3 |
| 4 | 33.7B | 35.6B | 25.0B | 14.6B | 41.0B | 1 420E | 562 | 170 | 101 | 58.8 | 33.0B | 23.8B | 4 |
| 5 | 32.4B | 35.2B | 24.6B | 14.2B | 52.0B | 1 360E | 535 | 164 | 99.0 | 50.3 | 32.6B | 23.6B | 5 |
| 6 | 31.9B | 34.7B | 24.4B | 13.9B | 66.0B | 1 290E | 509 | 159 | 98.0 | 48.0B | 32.2B | 23.3B | 6 |
| 7 | 31.0B | 34.4B | 24.0B | 13.5B | 87.0B | 1 230E | 484 | 154 | 97.4 | 47.5B | 31.9B | 23.1B | 7 |
| 8 | 30.5B | 33.9B | 23.8B | 13.2B | 120 B | 1 190A | 459 | 151 | 96.3 | 46.8B | 31.5B | 22.9B | 8 |
| 9 | 30.0B | 33.4B | 23.5B | 12.9B | 180 B | 1 120 | 434 | 149 | 95.8 | 46.2B | 31.1B | 22.7B | 9 |
| 10 | 29.5B | 33.0B | 23.2B | 12.5B | 280 B | 1 060 | 414 | 145 | 95.2 | 45.6B | 30.7B | 22.5B | 10 |
| 11 | 29.3B | 32.6B | 23.0B | 12.2B | 540 B | 1 010 | 396 | 141 | 94.3 | 45.0B | 30.3B | 22.3B | 11 |
| 12 | 28.1B | 32.2B | 22.8B | 12.0B | 980 B | 971 | 378 | 138 | 93.3 | 44.3B | 30.0B | 22.1B | 12 |
| 13 | 27.6B | 31.8B | 22.5B | 11.9B | 1 370 B | 938 | 361 | 136 | 92.1 | 43.9B | 29.7B | 21.9B | 13 |
| 14 | 27.0B | 31.4B | 22.2B | 11.7B | 1 620 B | 905 | 345 | 131 | 91.0 | 43.2B | 29.4B | 21.7B | 14 |
| 15 | 26.2B | 31.0B | 21.9B | 11.6B | 1 780 B | 877 | 329 | 130 | 90.4 | 42.6B | 29.0B | 21.5B | 15 |
| 16 | 25.8B | 30.6B | 21.7B | 11.6B | 1 930 B | 862 | 316 | 127 | 89.8 | 42.0B | 28.7B | 21.4B | 16 |
| 17 | 25.2B | 30.2B | 21.4B | 11.6B | 2 070 B | 846 | 306 | 125 | 88.1 | 41.4B | 28.3B | 21.2B | 17 |
| 18 | 24.5B | 29.9B | 21.2B | 11.7B | 2 180 B | 863 | 292 | 125 | 88.9 | 40.8B | 28.0B | 21.0B | 18 |
| 19 | 24.0B | 29.6B | 21.0B | 11.8B | 2 220 B | 971 | 275 | 122 | 88.4 | 40.2B | 27.7B | 20.7B | 19 |
| 20 | 23.5B | 29.1B | 20.7B | 11.9B | 2 240 B | 1 010 | 264 | 121 | 86.3 | 40.0B | 27.4B | 20.5B | 20 |
| 21 | 23.0B | 28.8B | 20.4B | 12.0B | 2 240 B | 961 | 256 | 120 | 86.0 | 39.5B | 27.1B | 20.4B | 21 |
| 22 | 22.2B | 28.4B | 20.2B | 12.4B | 2 230 B | 899 | 246 | 119 | 86.0 | 39.0B | 26.8B | 20.3B | 22 |
| 23 | 21.8B | 28.0B | 20.0B | 12.9B | 2 190 B | 848 | 239 | 118 | 85.1 | 38.4B | 26.5B | 20.1B | 23 |
| 24 | 21.0B | 27.8B | 19.5B | 13.3B | 2 120 E | 807 | 230 | 114 | 83.6 | 38.0B | 26.2B | 20.0B | 24 |
| 25 | 20.6B | 27.4B | 19.0B | 14.0B | 2 100 E | 772 | 223 | 114 | 83.3 | 37.5B | 26.0B | 19.8B | 25 |
| 26 | 20.0B | 27.0B | 18.6B | 14.6B | 2 020 E | 734 | 217 | 112 | 82.9 | 37.0B | 25.8B | 19.5B | 26 |
| 27 | 19.5B | 26.8B | 18.0B | 15.8B | 1 970 E | 697 | 212 | 112 | 81.9 | 36.5B | 25.4B | 19.1B | 27 |
| 28 | 19.0B | 26.5B | 17.5B | 17.6B | 1 910 E | 658 | 207 | 110 | 80.8 | 36.0B | 25.2B | 18.8B | 28 |
| 29 | 18.5B | | 17.1B | 19.5B | 1 850 E | 629 | 203 | 107 | 80.8 | 35.5B | 25.0B | 18.3B | 29 |
| 30 | 18.0B | | 16.7B | 21.0B | 1 780 E | 599 | 196 | 106 | 80.0 | 35.0B | 24.7B | 18.0B | 30 |
| 31 | 17.5B | | 16.2B | | 1 720 E | | 191 | 103 | | 34.6B | | 17.7B | 31 |
| TOTAL | 1 425.6 | 879.1 | 666.6 | 412.3 | 39 970.5 | 30 247 | 10 822 | 4 161 | 2 723.7 | 1 400.1 | 871.7 | 681.0 | TOTAL |
| MEAN | 46.0 | 31.4 | 21.5 | 13.7 | 1 290 | 1 010 | 349 | 134 | 90.8 | 45.2 | 29.1 | 21.3 | MEAN |
| MAX | 55.5 | 37.0 | 25.8 | 21.0 | 2 240 | 1 650 | 585 | 186 | 103 | 79.0 | 34.2 | 24.5 | MAX |
| MIN | 17.5 | 26.5 | 16.2 | 11.6 | 23.5 | 599 | 191 | 103 | 80.0 | 34.6 | 24.7 | 17.7 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 258
MAXIMUM DAILY, 2 240B ON MAY 20
MINIMUM DAILY, 11.6B ON APR 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 38 00 N
LONG 128 24 30 W
DRAINAGE AREA, 48 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 123 000 | JUL | 935 000 |
| FEB | 76 000 | AUG | 360 000 |
| MAR | 57 600 | SEP | 235 000 |
| APR | 35 600 | OCT | 121 000 |
| MAY | 3 450 000 | NOV | 75 300 |
| JUN | 2 610 000 | DEC | 57 100 |

TOTAL DISCHARGE, 8 140 000 dam³

### APEX RIVER AT APEX - STATION NO. 10TE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 0.010B | 2.04 | 0.798 | 0.320E | 0.060B | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 0.012B | 1.86 | 1.10 | 0.270E | 0.050B | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 0.015B | 1.66 | 1.09 | 0.230E | 0.042B | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 0.025B | 1.61 | 0.828 | 0.195E | 0.038B | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 0.044B | 1.53 | 0.775 | 0.178E | 0.036B | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 0.068B | 1.39 | 0.680 | 0.160E | 0.034B | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 0.100B | 1.30 | 0.603 | 0.150E | 0.032B | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 0.155B | 1.16 | 0.553 | 0.150E | 0.030B | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 0.245B | 1.05 | 0.527 | 0.208E | 0.029B | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 0.360B | 1.09 | 0.545 | 0.320E | 0.027B | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 0.550B | 1.17 | 0.594 | 0.400E | 0.026B | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 0.800B | 1.12 | 0.661 | 0.750E | 0.025B | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 1.40 E | 1.08 | 0.584 | 1.15 E | 0.024B | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 2.50 E | 1.11 | 0.513 | 1.68 A | 0.023B | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 3.25 E | 0.934 | 0.468 | 1.57 | 0.022B | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 3.60 E | 0.923 | 0.450 | 1.40 | 0.021B | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 3.80 E | 0.956 | 0.464 | 1.17 | 0.019B | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 3.95 E | 0.945 | 0.550 | 1.20 | 0.018B | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 4.00 E | 1.11 | 0.573 | 1.21 | 0.016B | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 4.10 E | 0.971 | 0.536 | 1.17 | 0.014B | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 4.18 E | 0.855 | 0.522 | 1.03 A | 0.013B | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 4.26 A | 0.781 | 0.508 | 1.00 B | 0.011B | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 4.44 | 0.758 | 0.481 | 0.910B | 0.010B | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 4.48 | 0.791 | 0.467 | 0.820B | 0.008B | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 4.00 | 0.716 | 0.426 | 0.720B | 0.007B | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 4.04 | 0.629 | 0.402 | 0.620B | 0.006B | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 3.66 | 0.750 | 0.382 | 0.520B | 0.005B | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 3.43 | 0.685 | 0.371 | 0.350B | 0.004B | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | 2.92 | 0.614 | 0.367 | 0.230B | 0.003B | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | 2.32 | 0.656 | 0.375 | 0.100B | 0.002B | --- | --- | 30 |
| 31 | --- | | --- | | --- | | 0.691 | 0.370E | | 0.001B | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | 66.714 | 32.935 | 17.563 | 20.181 | 0.656 | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | 2.22 | 1.06 | 0.567 | 0.673 | 0.021 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | 4.48 | 2.04 | 1.10 | 1.68 | 0.060 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 0.010 | 0.614 | 0.367 | 0.100 | 0.001 | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 4.48 ON JUN 24
MINIMUM DAILY, 0.010B ON JUN 1
MAXIMUM INSTANTANEOUS,
5.08 AT 03:41 EST ON JUN 24

SUMMARY FOR THE MONTHS JUN TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 44 00 N
LONG 68 27 10 W
DRAINAGE AREA, 59.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 2 850 |
| FEB | --- | AUG | 1 520 |
| MAR | --- | SEP | 1 740 |
| APR | --- | OCT | 56.7 |
| MAY | --- | NOV | --- |
| JUN | 5 760 | DEC | --- |

TOTAL DISCHARGE, 11 900 dam³

## ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.8 B | 9.08B | 8.30B | 9.25B | 20.2B | 1 180B | 379 | 383 | 155 | 94.1 | 35.5B | 23.3B | 1 |
| 2 | 11.6 B | 9.06B | 8.30B | 9.30B | 20.8B | 1 100 | 349 | 479 | 159 | 95.3 | 34.8B | 23.1B | 2 |
| 3 | 11.4 B | 9.04B | 8.30B | 9.68B | 21.4B | 1 200 | 329 | 447 | 170 | 87.1 | 34.2B | 22.9B | 3 |
| 4 | 11.3 B | 9.02B | 8.30B | 9.74B | 22.1B | 1 610 | 381 | 411 | 178 | 78.5 | 33.6B | 22.7B | 4 |
| 5 | 11.1 B | 9.00B | 8.30B | 9.89B | 23.0B | 1 260 | 430 | 432 | 173 | 78.0 | 33.0B | 22.5B | 5 |
| 6 | 11.0 B | 8.98B | 8.30B | 10.0 B | 25.5B | 928 | 353 | 463 | 158 | 77.2 | 32.4B | 22.3B | 6 |
| 7 | 10.9 B | 8.96B | 8.30B | 10.2 B | 24.5B | 765 | 313 | 400 | 147 | 74.8 | 31.9B | 22.1B | 7 |
| 8 | 10.8 B | 8.94B | 8.30B | 10.4 B | 25.5B | 715 | 354 | 350 | 140 | 68.9 | 31.3B | 21.9B | 8 |
| 9 | 10.7 B | 8.92B | 8.30B | 10.5 B | 26.8B | 665 | 384 | 305 | 139 | 65.8B | 30.8B | 21.7B | 9 |
| 10 | 10.6 B | 8.90B | 8.30B | 10.6 B | 28.0B | 600 | 384 | 273 | 147 | 63.8B | 30.3B | 21.5B | 10 |
| 11 | 10.5 B | 8.88B | 8.30B | 10.8 B | 29.4B | 572 | 460 | 252 | 143 | 61.4B | 29.8B | 21.3B | 11 |
| 12 | 10.4 B | 8.86B | 8.30B | 11.0 B | 31.0B | 556 | 487 | 242 | 141 | 59.2B | 29.5B | 21.2B | 12 |
| 13 | 10.3 B | 8.84B | 8.30B | 11.2 B | 33.0B | 793 | 546 | 231 | 135 | 57.2B | 29.0B | 21.0B | 13 |
| 14 | 10.1 B | 8.82B | 8.30B | 11.4 B | 35.2B | 836 | 629 | 216 | 128 | 55.4B | 28.6B | 20.8B | 14 |
| 15 | 10.0 B | 8.80B | 8.30B | 12.0 B | 37.8B | 1 160 | 681 | 204 | 122 | 53.8B | 28.3B | 20.7B | 15 |
| 16 | 9.96B | 8.74B | 8.30B | 12.2 B | 41.0B | 1 530 | 374 | 190 | 116 | 52.0B | 27.8B | 20.5B | 16 |
| 17 | 9.92B | 8.68B | 8.30B | 12.4 B | 45.0B | 1 120 | 338 | 177 | 112 | 50.3B | 27.5B | 20.3B | 17 |
| 18 | 9.88B | 8.62B | 8.30B | 12.6 B | 50.0B | 803 | 429 | 172 | 107 | 49.3B | 27.2B | 20.2B | 18 |
| 19 | 9.84B | 8.56B | 8.30B | 12.8 B | 56.0B | 654 | 637 | 188 | 104 | 47.8B | 26.7B | 20.1B | 19 |
| 20 | 9.76B | 8.50B | 8.36B | 13.2 B | 65.5B | 589 | 612 | 281 | 101 | 46.4B | 26.4B | 20.0B | 20 |
| 21 | 9.70B | 8.46B | 8.38B | 13.5 B | 80.0B | 721 | 452 | 283 | 98.1 | 45.6B | 26.0B | 19.8B | 21 |
| 22 | 9.64B | 8.42B | 8.46B | 14.0 B | 105 B | 850 | 359 | 271 | 96.2 | 44.2B | 25.7B | 19.6B | 22 |
| 23 | 9.58B | 8.38B | 8.50B | 14.5 B | 175 B | 704 | 306 | 287 | 93.2 | 43.2B | 25.3B | 19.4B | 23 |
| 24 | 9.52B | 8.34B | 8.65B | 15.0 B | 340 B | 545 | 291 | 302 | 89.5 | 42.2B | 25.1B | 19.2B | 24 |
| 25 | 9.46B | 8.30B | 8.73B | 15.5 B | 670 B | 450 | 283 | 290 | 88.1 | 41.3B | 24.8B | 19.0B | 25 |
| 26 | 9.40B | 8.30B | 8.82B | 16.0 B | 850 B | 405 | 267 | 255 | 103 | 40.2B | 24.6B | 18.6B | 26 |
| 27 | 9.34B | 8.30B | 8.94B | 17.0 B | 970 B | 386 | 269 | 224 | 105 | 39.3B | 24.3B | 18.4B | 27 |
| 28 | 9.28B | 8.30B | 9.00B | 17.7 B | 1 060 B | 376 | 332 | 203 | 99.0 | 38.4B | 24.0B | 18.2B | 28 |
| 29 | 9.22B | | 9.19B | 18.7 B | 1 120 B | 373 | 320 | 186 | 95.3 | 37.7B | 23.8B | 18.0B | 29 |
| 30 | 9.16B | | 9.20B | 19.5 B | 1 140 B | 386 | 295 | 172 | 94.6 | 37.0B | 23.6B | 17.9B | 30 |
| 31 | 9.10B | | 9.23B | | 1 170 B | | 312 | 161 | | 36.2B | | 17.8B | 31 |
| TOTAL | 315.26 | 244.00 | 263.16 | 380.56 | 8 341.5 | 23 833 | 12 135 | 8 730 | 3 737.0 | 1 761.6 | 855.8 | 636.0 | TOTAL |
| MEAN | 10.2 | 8.71 | 8.49 | 12.7 | 269 | 794 | 391 | 282 | 125 | 56.8 | 28.5 | 20.5 | MEAN |
| MAX | 11.8 | 9.08 | 9.23 | 19.5 | 1 170 | 1 610 | 637 | 479 | 178 | 95.3 | 35.5 | 23.3 | MAX |
| MIN | 9.10 | 8.30 | 8.30 | 9.25 | 20.2 | 373 | 267 | 161 | 88.1 | 36.2 | 23.6 | 17.8 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 168
MAXIMUM DAILY, 1 610 ON JUN 4
MINIMUM DAILY, 8.30B ON FEB 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 47 10 N
LONG 133 06 00 W
DRAINAGE AREA, 15 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 27 200 | JUL | 1 050 000 |
| FEB | 21 100 | AUG | 754 000 |
| MAR | 22 700 | SEP | 323 000 |
| APR | 32 900 | OCT | 152 000 |
| MAY | 721 000 | NOV | 73 900 |
| JUN | 2 060 000 | DEC | 55 000 |

TOTAL DISCHARGE, 5 290 000 dam³

## BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.24B | 1.32 B | 0.360B | 0.210B | 0.510B | 1.38B | 325E | 153 | 193 | 94.0E | 31.0B | 9.90B | 1 |
| 2 | 4.06B | 1.27 B | 0.340B | 0.210B | 0.530B | 1.43B | 326E | 149 | 194 | 90.0E | 30.0B | 9.50B | 2 |
| 3 | 3.85B | 1.22 B | 0.320B | 0.210B | 0.560B | 1.60B | 326E | 146 | 194 | 87.0E | 28.8B | 9.20B | 3 |
| 4 | 3.69B | 1.14 B | 0.310B | 0.210B | 0.590B | 1.78B | 324E | 140 | 195 | 84.0E | 27.5B | 8.80B | 4 |
| 5 | 3.52B | 1.09 B | 0.300B | 0.210B | 0.620B | 1.97B | 322E | 139 | 195 | 81.0E | 26.4B | 8.40B | 5 |
| 6 | 3.35B | 1.02 B | 0.290B | 0.220B | 0.640B | 2.10B | 319E | 139 | 195 | 79.0E | 25.2B | 8.10B | 6 |
| 7 | 3.23B | 0.970B | 0.270B | 0.230B | 0.680B | 2.37B | 312E | 136 | 195 | 76.0E | 24.5B | 7.90B | 7 |
| 8 | 3.11B | 0.920B | 0.250B | 0.230B | 0.690B | 2.90B | 309A | 133 | 195 | 73.0E | 23.6B | 7.60B | 8 |
| 9 | 2.99B | 0.860B | 0.240B | 0.240B | 0.700B | 4.25B | 299 | 129 | 192 | 71.0E | 22.8B | 7.40B | 9 |
| 10 | 2.87B | 0.820B | 0.230B | 0.250B | 0.720B | 6.10B | 290 | 128 | 187 A | 68.0E | 21.8B | 7.10B | 10 |
| 11 | 2.79B | 0.770B | 0.230B | 0.260B | 0.750B | 11.0 B | 280 | 123 | 180 E | 66.0E | 21.3B | 6.90B | 11 |
| 12 | 2.68B | 0.730B | 0.220B | 0.260B | 0.780B | 15.3 B | 271 | 118 | 173 E | 64.0E | 20.4B | 6.70B | 12 |
| 13 | 2.61B | 0.680B | 0.220B | 0.270B | 0.810B | 25.0 B | 262 | 127 | 167 E | 62.0E | 19.6B | 6.50B | 13 |
| 14 | 2.52B | 0.650B | 0.220B | 0.280B | 0.830B | 37.0 B | 254 | 133 | 162 E | 59.0E | 18.9B | 6.30B | 14 |
| 15 | 2.44B | 0.620B | 0.210B | 0.290B | 0.850B | 52.5 E | 246 | 135 | 157 E | 58.0E | 18.1B | 6.10B | 15 |
| 16 | 2.37B | 0.570B | 0.210B | 0.300B | 0.880B | 82.0 E | 236 | 141 | 153 E | 56.0B | 17.3B | 5.90B | 16 |
| 17 | 2.30B | 0.540B | 0.210B | 0.300B | 0.910B | 119 E | 229 | 138 | 148 E | 54.0B | 16.5B | 5.70B | 17 |
| 18 | 2.24B | 0.510B | 0.210B | 0.310B | 0.940B | 160 E | 225 | 138 | 143 E | 52.0B | 15.9B | 5.50B | 18 |
| 19 | 2.19B | 0.500B | 0.210B | 0.320B | 0.960B | 200 E | 223 | 140 | 136 E | 50.0B | 15.1B | 5.40B | 19 |
| 20 | 2.16B | 0.480B | 0.210B | 0.340B | 0.980B | 226 E | 218 | 140 | 134 E | 49.0B | 14.8B | 5.20B | 20 |
| 21 | 2.11B | 0.460B | 0.210B | 0.360B | 0.990B | 248 E | 211 | 146 | 128 E | 47.0B | 14.1B | 5.00B | 21 |
| 22 | 2.06B | 0.450B | 0.210B | 0.370B | 1.03 B | 265 E | 204 | 152 | 125 E | 45.0B | 13.6B | 4.80B | 22 |
| 23 | 2.02B | 0.440B | 0.210B | 0.380B | 1.05 B | 283 E | 196 | 157 | 122 E | 43.0B | 13.2B | 4.70B | 23 |
| 24 | 1.97B | 0.430B | 0.210B | 0.390B | 1.07 B | 293 E | 190 | 166 | 118 E | 42.0B | 12.6B | 4.50B | 24 |
| 25 | 1.91B | 0.420B | 0.210B | 0.410B | 1.11 B | 304 E | 187 | 149 | 114 E | 40.5B | 12.3B | 4.30B | 25 |
| 26 | 1.77B | 0.410B | 0.210B | 0.430B | 1.14 B | 312 E | 183 | 154 | 111 E | 38.7B | 11.8B | 4.20B | 26 |
| 27 | 1.70B | 0.400B | 0.210B | 0.440B | 1.17 B | 316 E | 174 | 169 | 107 E | 37.5B | 11.4B | 4.10B | 27 |
| 28 | 1.60B | 0.380B | 0.210B | 0.450B | 1.19 B | 318 E | 188 | 180 | 103 E | 36.0B | 11.0B | 3.90B | 28 |
| 29 | 1.55B | | 0.210B | 0.470B | 1.22 B | 321 E | 180 | 190 | 100 E | 34.6B | 10.6B | 3.80B | 29 |
| 30 | 1.48B | | 0.210B | 0.490B | 1.25 B | 322 E | 167 | 192 | 97.0E | 33.5B | 10.3B | 3.70B | 30 |
| 31 | 1.37B | | 0.210B | | 1.31 B | | 159 | 193 | | 32.4B | | 3.60B | 31 |
| TOTAL | 78.71 | 20.070 | 7.370 | 9.340 | 27.460 | 3 935.68 | 7 635 | 4 573 | 4 613.0 | 1 803.2 | 560.4 | 190.70 | TOTAL |
| MEAN | 2.54 | 0.717 | 0.238 | 0.311 | 0.886 | 131 | 246 | 148 | 154 | 58.2 | 18.7 | 6.15 | MEAN |
| MAX | 4.24 | 1.32 | 0.360 | 0.490 | 1.31 | 322 | 326 | 193 | 195 | 94.0 | 31.0 | 9.90 | MAX |
| MIN | 1.37 | 0.380 | 0.210 | 0.210 | 0.510 | 1.38 | 159 | 118 | 97.0 | 32.4 | 10.3 | 3.60 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.3
MAXIMUM DAILY, 326E ON JUL 2
MINIMUM DAILY, 0.210B ON MAR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 11 10 N
LONG 106 04 30 W
DRAINAGE AREA, 24 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 800 | JUL | 660 000 |
| FEB | 1 730 | AUG | 395 000 |
| MAR | 637 | SEP | 399 000 |
| APR | 807 | OCT | 156 000 |
| MAY | 2 370 | NOV | 48 400 |
| JUN | 340 000 | DEC | 16 500 |

TOTAL DISCHARGE, 2 030 000 dam³

## NORTHWEST TERRITORIES

### BACK RIVER BELOW DEEP ROSE LAKE - STATION NO. 10RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 43.0B | 17.8B | 12.2B | 13.7B | 28.3B | 62.0B | 4 440 | 1 240 | 671 | 718 | 255 B | 90.5B | 1 |
| 2 | 41.8B | 17.3B | 12.2B | 14.0B | 29.0B | 65.0B | 4 150 | 1 210 | 661 | 715 | 250 B | 90.0B | 2 |
| 3 | 40.5B | 16.8B | 12.2B | 14.2B | 29.8B | 67.0B | 3 930 | 1 180 | 654 | 696 | 237 B | 89.0B | 3 |
| 4 | 39.5B | 16.4B | 12.2B | 14.5B | 30.9B | 69.0B | 3 750 | 1 130 | 648 | 676 | 225 B | 88.0B | 4 |
| 5 | 37.8B | 16.1B | 12.2B | 15.0B | 31.3B | 72.0B | 3 590 | 1 070 | 637 | 649 | 212 B | 87.5B | 5 |
| 6 | 36.8B | 15.7B | 12.2B | 15.2B | 32.0B | 77.0B | 3 450 | 1 020 | 632 | 617 | 200 B | 86.5B | 6 |
| 7 | 35.8B | 15.3B | 12.2B | 15.8B | 32.8B | 78.5B | 3 280 | 982 | 633 | 594 | 188 B | 85.5B | 7 |
| 8 | 34.6B | 15.0B | 12.2B | 16.0B | 33.5B | 82.0B | 3 110 | 938 | 636 | 579 | 178 B | 84.5B | 8 |
| 9 | 33.5B | 14.8B | 12.2B | 16.3B | 34.5B | 86.0B | 2 940 | 898 | 634 | 576 | 168 B | 83.5B | 9 |
| 10 | 32.8B | 14.3B | 12.2B | 16.8B | 35.2B | 90.0B | 2 810 | 867 | 635 | 582 | 158 B | 83.0B | 10 |
| 11 | 31.5B | 14.0B | 12.2B | 17.2B | 36.0B | 96.0B | 2 670 | 839 | 639 | 592 | 150 B | 82.0B | 11 |
| 12 | 30.5B | 13.7B | 12.2B | 17.8B | 37.0B | 103 B | 2 550 | 806 | 646 | 597 | 142 B | 81.0B | 12 |
| 13 | 29.8B | 13.4B | 12.2B | 18.1B | 37.9B | 113 B | 2 430 | 783 | 648 | 590 | 136 B | 80.0B | 13 |
| 14 | 29.0B | 13.2B | 12.2B | 18.6B | 38.8B | 125 B | 2 320 | 766 | 652 | 583 | 130 B | 79.5B | 14 |
| 15 | 28.3B | 13.0B | 12.2B | 19.0B | 39.9B | 145 B | 2 220 | 750 | 664 | 565 | 125 B | 79.0B | 15 |
| 16 | 27.4B | 12.8B | 12.2B | 19.3B | 40.5B | 185 B | 2 140 | 731 | 673 | 555 | 118 B | 78.0B | 16 |
| 17 | 26.8B | 12.7B | 12.2B | 19.9B | 41.8B | 240 B | 2 050 | 705 | 678 | 560 | 115 B | 77.0B | 17 |
| 18 | 25.9B | 12.6B | 12.2B | 20.3B | 42.8B | 305 B | 1 970 | 676 | 696 | 542 | 111 B | 76.5B | 18 |
| 19 | 25.2B | 12.5B | 12.2B | 20.9B | 44.0B | 370 B | 1 890 | 664 | 707 | 445 | 108 B | 75.5B | 19 |
| 20 | 24.6B | 12.4B | 12.2B | 21.3B | 45.0B | 480 B | 1 820 | 652 | 717 | 403 | 105 B | 74.8B | 20 |
| 21 | 23.9B | 12.3B | 12.2B | 22.0B | 46.3B | 600 B | 1 720 | 643 | 732 | 370B | 103 B | 74.0B | 21 |
| 22 | 23.2B | 12.2B | 12.2B | 22.5B | 47.5B | 770 B | 1 680 | 632 | 748 | 330B | 101 B | 73.0B | 22 |
| 23 | 22.8B | 12.2B | 12.3B | 23.2B | 48.8B | 950 B | 1 610 | 626 | 756 | 295B | 99.5B | 72.5B | 23 |
| 24 | 22.0B | 12.2B | 12.4B | 23.8B | 49.8B | 1 220 B | 1 520 | 621 | 753 | 275B | 98.0B | 71.5B | 24 |
| 25 | 21.5B | 12.2B | 12.5B | 24.4B | 51.0B | 1 500 B | 1 470 | 659 | 752 | 255B | 97.0B | 71.0B | 25 |
| 26 | 20.8B | 12.2B | 12.7B | 24.9B | 52.5B | 2 000 E | 1 450 | 690 | 750 | 250B | 96.0B | 70.5B | 26 |
| 27 | 20.2B | 12.2B | 12.8B | 25.5B | 54.0B | 2 500 E | 1 430 | 708 | 745 | 250B | 95.0B | 69.5B | 27 |
| 28 | 19.8B | 12.2B | 12.9B | 26.0B | 55.5B | 3 200 E | 1 400 | 710 | 737 | 253B | 93.5B | 69.0B | 28 |
| 29 | 19.2B | | 13.1B | 27.0B | 57.0B | 3 990 A | 1 320 | 709 | 732 | 255B | 93.0B | 68.5B | 29 |
| 30 | 18.7B | | 13.3B | 27.8B | 59.0B | 4 340 | 1 300 | 700 | 724 | 257B | 92.0B | 67.5B | 30 |
| 31 | 18.3B | | 13.5B | | 60.5B | | 1 270 | 683 | | 258B | | 67.0B | 31 |
| TOTAL | 885.5 | 387.5 | 383.9 | 591.0 | 1 302.9 | 23 980.5 | 73 680 | 25 288 | 20 590 | 14 882 | 4 279.0 | 2 425.3 | TOTAL |
| MEAN | 28.6 | 13.8 | 12.4 | 19.7 | 42.0 | 799 | 2 380 | 816 | 686 | 480 | 143 | 78.2 | MEAN |
| MAX | 43.0 | 17.8 | 13.5 | 27.8 | 60.5 | 4 340 | 4 440 | 1 240 | 756 | 718 | 255 | 90.5 | MAX |
| MIN | 18.3 | 12.2 | 12.2 | 13.7 | 28.3 | 62.0 | 1 270 | 621 | 632 | 250 | 92.0 | 67.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 462
MAXIMUM DAILY, 4 440 ON JUL 1
MINIMUM DAILY, 12.2B ON FEB 22
MAXIMUM INSTANTANEOUS,
4 500 AT 00:58 CST ON JUL 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 05 00 N
LONG 96 30 00 W
DRAINAGE AREA, 98 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 76 500 | JUL | 6 370 000 |
| FEB | 33 500 | AUG | 2 180 000 |
| MAR | 33 200 | SEP | 1 780 000 |
| APR | 51 100 | OCT | 1 290 000 |
| MAY | 113 000 | NOV | 370 000 |
| JUN | 2 070 000 | DEC | 210 000 |

TOTAL DISCHARGE, 14 600 000 dam³

### BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 6.05B | 207 E | 57.7 | 149 | 59.7 | 23.0 B | 6.90B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 9.00B | 196 E | 54.3 | 158 | 58.8B | 21.4 B | 6.80B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 11.9 B | 187 E | 51.0 | 183 | 57.5B | 19.5 B | 6.70B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 17.0 B | 176 E | 48.3 | 211 | 57.0B | 18.2 B | 6.50B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 24.0 B | 168 E | 46.5 | 213 | 56.5B | 17.1 B | 6.40B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 33.0 B | 159 E | 45.0 | 202 | 56.0B | 16.3 B | 6.30B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 43.0 B | 150 E | 44.0 | 191 | 55.9B | 15.2 B | 6.30B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 56.5 B | 141 A | 42.8 | 181 | 55.9B | 14.4 B | 6.20B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 66.3 B | 132 | 41.9 | 168 | 55.8 | 13.3 B | 6.20B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 78.0 B | 123 | 40.7 | 156 | 54.5 | 12.8 B | 6.10B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 99.9 B | 114 | 39.1 | 146 | 54.7 | 12.0 B | 6.00B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 122 B | 106 | 38.1 | 136 | 54.6 | 11.2 B | 5.90B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 148 B | 99.8 | 38.6 | 125 | 54.5 | 10.8 B | 5.70B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0 B | 184 B | 94.5 | 42.5 | 116 | 53.0B | 10.2 B | 5.50B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0 B | 208 B | 89.5 | 47.7 | 110 | 51.0B | 10.0 B | 5.30B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0 B | 235 E | 84.3 | 48.8 | 102 | 49.9 | 9.60B | 5.10B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0 B | 256 E | 78.7 | 48.6 | 98.4 | 47.3 | 9.40B | 5.00B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0 B | 271 E | 73.6 | 48.4 | 94.5 | 45.2B | 9.20B | 5.00B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0.020B | 278 E | 71.6 | 48.0 | 94.0 | 43.6B | 9.00B | 4.90B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0.020B | 283 E | 73.3 | 46.7 | 91.2 | 41.8B | 8.80B | 4.90B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0.030B | 286 E | 80.2 | 46.6 | 85.5 | 40.0B | 8.10B | 4.70B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0.040B | 289 E | 85.4 | 47.5 | 84.9 | 38.0B | 8.00B | 4.50B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0.060B | 292 E | 86.7 | 50.5 | 79.8 | 36.0B | 7.50B | 4.30B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0.100B | 288 E | 83.1 | 54.3 | 77.7 | 34.0B | 7.40B | 4.20B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0.300B | 283 E | 77.6 | 55.3 | 72.9 | 32.7B | 7.30B | 4.00B | 25 |
| 26 | 0B | 0B | 0B | 0B | 1.10 B | 270 E | 73.5 | 65.8 | 68.3 | 31.0B | 7.20B | 3.80B | 26 |
| 27 | 0B | 0B | 0B | 0B | 1.80 B | 257 E | 70.0 | 97.0 | 61.8 | 29.6B | 7.10B | 3.60B | 27 |
| 28 | 0B | 0B | 0B | 0B | 2.46 B | 244 E | 71.5 | 122 | 61.5 | 28.0B | 7.00B | 3.50B | 28 |
| 29 | 0B | | 0B | 0B | 3.06 B | 231 E | 64.5 | 134 | 61.5 | 26.6B | 7.00B | 3.30B | 29 |
| 30 | 0B | | 0B | 0B | 4.10 B | 218 E | 66.8 | 138 | 61.1 | 25.2B | 6.90B | 3.00B | 30 |
| 31 | 0B | | 0.6 | | 5.20 B | | 60.6 | 141 | | 24.0B | | 2.90B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 18.290 | 5 087.65 | 3 344.2 | 1 870.7 | 3 640.1 | 1 408.3 | 344.90 | 159.50 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0.590 | 170 | 108 | 60.3 | 121 | 45.4 | 11.5 | 5.15 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 5.20 | 292 | 207 | 141 | 213 | 59.7 | 23.0 | 6.90 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 6.05 | 60.6 | 38.1 | 61.1 | 24.0 | 6.90 | 2.90 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.5
MAXIMUM DAILY, 292E ON JUN 23
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 02 30 N
LONG 104 31 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 289 000 |
| FEB | 0 | AUG | 162 000 |
| MAR | 0 | SEP | 315 000 |
| APR | 0 | OCT | 123 000 |
| MAY | 1 580 | NOV | 29 800 |
| JUN | 440 000 | DEC | 13 800 |

TOTAL DISCHARGE, 1 370 000 dam³

## BAKER CREEK MAIN STEM NEAR YELLOWKNIFE - STATION NO. 07SB009

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.001B | 0B | 0B | 0 B | 0.025B | 0.693 | 0.469 | 0.018 | 0.002E | 0.006E | 0B | 0B | 1 |
| 2 | 0.001B | 0B | 0B | 0 B | 0.022B | 0.809 | 0.434 | 0.015 | 0.002E | 0.005E | 0B | 0B | 2 |
| 3 | 0.001B | 0B | 0B | 0 B | 0.018B | 0.859 | 0.418 | 0.010E | 0.005E | 0.005E | 0B | 0B | 3 |
| 4 | 0.001B | 0B | 0B | 0 B | 0.014B | 0.909 | 0.485 | 0.012E | 0.009E | 0.005E | 0B | 0B | 4 |
| 5 | 0.001B | 0B | 0B | 0 B | 0.010B | 0.971 | 0.368 | 0.011E | 0.013E | 0.004E | 0B | 0B | 5 |
| 6 | 0.001B | 0B | 0B | 0 B | 0.006B | 1.02 | 0.340 | 0.010E | 0.018E | 0.004E | 0B | 0B | 6 |
| 7 | 0.001B | 0B | 0B | 0 B | 0.003B | 1.07 | 0.319 | 0.010E | 0.028 | 0.034E | 0B | 0B | 7 |
| 8 | 0.001B | 0B | 0B | 0 B | 0.005B | 1.12 | 0.293 | 0.009E | 0.031 | 0.004E | 0B | 0B | 8 |
| 9 | 0.001B | 0B | 0B | 0 B | 0.010B | 1.14 | 0.271 | 0.008E | 0.021 | 0.003E | 0B | 0B | 9 |
| 10 | 0.001B | 0B | 0B | 0 B | 0.027B | 1.13 | 0.248 | 0.007E | 0.017 | 0.003E | 0B | 0B | 10 |
| 11 | 0.001B | 0B | 0B | 0 B | 0.038B | 1.11 | 0.227 | 0.007E | 0.015 | 0.003E | 0B | 0B | 11 |
| 12 | 0.001B | 0B | 0B | 0 B | 0.053B | 1.09 | 0.212 | 0.006E | 0.013 | 0.003E | 0B | 0B | 12 |
| 13 | 0.001B | 0B | 0B | 0 B | 0.072B | 1.07 | 0.199 | 0.006E | 0.014 | 0.003E | 0B | 0B | 13 |
| 14 | 0 B | 0B | 0B | 0 B | 0.099B | 1.04 | 0.180 | 0.005E | 0.014 | 0.002E | 0B | 0B | 14 |
| 15 | 0 B | 0B | 0B | 0 B | 0.101B | 0.998 | 0.153 | 0.005E | 0.013 | 0.002E | 0B | 0B | 15 |
| 16 | 0 B | 0B | 0B | 0 B | 0.102B | 0.963 | 0.130 | 0.004E | 0.013E | 0.002E | 0B | 0B | 16 |
| 17 | 0 B | 0B | 0B | 0 B | 0.104B | 0.931 | 0.108 | 0.004E | 0.012E | 0.002B | 0B | 0B | 17 |
| 18 | 0 B | 0B | 0B | 0 B | 0.122B | 0.897 | 0.091 | 0.003E | 0.012E | 0.001B | 0B | 0B | 18 |
| 19 | 0 B | 0B | 0B | 0 B | 0.143B | 0.851 | 0.076 | 0.003E | 0.011E | 0.001B | 0B | 0B | 19 |
| 20 | 0 B | 0B | 0B | 0 B | 0.226B | 0.804 | 0.067 | 0.003E | 0.010E | 0.001B | 0B | 0B | 20 |
| 21 | 0 B | 0B | 0B | 0.001B | 0.234A | 0.776 | 0.060 | 0.002E | 0.009E | 0.001B | 0B | 0B | 21 |
| 22 | 0 B | 0B | 0B | 0.001B | 0.251E | 0.794 | 0.052 | 0.002E | 0.009E | 0.001B | 0B | 0B | 22 |
| 23 | 0 B | 0B | 0B | 0.018B | 0.269E | 0.778 | 0.047 | 0.002E | 0.008E | 0.001B | 0B | 0B | 23 |
| 24 | 0 B | 0B | 0B | 0.026B | 0.290E | 0.751 | 0.040 | 0.002E | 0.008E | 0.001B | 0B | 0B | 24 |
| 25 | 0 B | 0B | 0B | 0.038B | 0.312A | 0.708 | 0.033 | 0.002E | 0.008E | 0 B | 0B | 0B | 25 |
| 26 | 0 B | 0B | 0B | 0.049B | 0.355E | 0.662 | 0.027 | 0.001E | 0.007E | 0 B | 0B | 0B | 26 |
| 27 | 0 B | 0B | 0B | 0.061B | 0.420E | 0.627 | 0.026 | 0.001E | 0.007E | 0 B | 0B | 0B | 27 |
| 28 | 0 B | 0B | 0B | 0.041B | 0.499E | 0.594 | 0.025 | 0.001E | 0.006E | 0 B | 0B | 0B | 28 |
| 29 | 0 B | | 0B | 0.035B | 0.570E | 0.535 | 0.023 | 0.001E | 0.006E | 0 B | 0B | 0B | 29 |
| 30 | 0 B | | 0B | 0.029B | 0.660E | 0.494 | 0.024 | 0.001E | 0.006E | 0 B | 0B | 0B | 30 |
| 31 | 0 B | | 0B | | 0.758A | | 0.021 | 0.001A | | 0 B | | 0B | 31 |
| TOTAL | 0.013 | 0 | 0 | 0.299 | 5.818 | 26.194 | 5.466 | 0.176 | 0.347 | 0.067 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0.010 | 0.188 | 0.873 | 0.176 | 0.006 | 0.012 | 0.002 | 0 | 0 | MEAN |
| MAX | 0.001 | 0 | 0 | 0.061 | 0.758 | 1.14 | 0.485 | 0.018 | 0.031 | 0.006 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0.003 | 0.494 | 0.021 | 0.001 | 0.002 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.105
MAXIMUM DAILY, 1.14 ON JUN 9
MINIMUM DAILY, 0B ON JAN 14
MAXIMUM INSTANTANEOUS,
1.15 AT 16:15 MST ON JUN 8

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 30 35 N
LONG 114 21 49 W
DRAINAGE AREA, 144 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1.12 | JUL | 472 |
| FEB | 0 | AUG | 15.2 |
| MAR | 0 | SEP | 30.0 |
| APR | 25.8 | OCT | 5.79 |
| MAY | 503 | NOV | 0 |
| JUN | 2 260 | DEC | 0 |

TOTAL DISCHARGE, 3 310 dam³

## BAKER LAKE AT BAKER LAKE - STATION NO. 06MA001

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.751 | 7.533 | 7.349 | 7.374 | 7.477 | 7.422 | 8.390 | 7.831 | 7.810E | 7.663 | 8.018 | 7.560 | 1 |
| 2 | 7.737 | 7.522 | 7.349 | 7.394 | 7.467 | 7.408 | 8.354 | 7.849 | 7.790E | 7.673 | 8.008 | 7.562 | 2 |
| 3 | 7.726 | 7.511 | 7.362 | 7.375 | 7.451 | 7.433 | 8.328 | 7.853 | 7.781A | 7.665 | 7.965 | 7.566 | 3 |
| 4 | 7.679 | 7.467 | 7.382 | 7.338 | 7.432 | 7.461 | 8.314 | 7.853 | 7.773 | 7.695 | 7.930 | 7.595 | 4 |
| 5 | 7.661 | 7.433 | 7.410 | 7.336 | 7.414 | 7.471 | 8.322 | 7.865 | 7.741 | 7.753 | 7.893 | 7.637 | 5 |
| 6 | 7.655 | 7.420 | 7.432 | 7.345 | 7.413 | 7.479 | 8.348 | 7.875 | 7.750 | 7.784 | 7.831 | 7.613 | 6 |
| 7 | 7.649 | 7.434 | 7.446 | 7.358 | 7.402 | 7.483 | 8.364 | 7.864 | 7.760 | 7.814 | 7.784 | 7.587 | 7 |
| 8 | 7.639 | 7.460 | 7.446 | 7.384 | 7.410 | 7.519 | 8.374 | 7.844 | 7.755 | 7.829 | 7.757 | 7.605 | 8 |
| 9 | 7.631 | 7.465 | 7.444 | 7.416 | 7.422 | 7.548 | 8.380 | 7.845 | 7.740 | 7.824 | 7.727 | 7.604 | 9 |
| 10 | 7.642 | 7.481 | 7.441 | 7.431 | 7.425 | 7.576 | 8.366 | 7.850 | 7.752 | 7.801 | 7.684 | 7.587 | 10 |
| 11 | 7.680 | 7.505 | 7.445 | 7.449 | 7.415 | 7.604 | 8.323 | 7.856 | 7.775 | 7.778 | 7.621 | 7.593 | 11 |
| 12 | 7.710 | 7.520 | 7.452 | 7.446 | 7.412 | 7.631 | 8.295 | 7.884 | 7.869 | 7.777 | 7.584 | 7.620 | 12 |
| 13 | 7.703 | 7.516 | 7.459 | 7.429 | 7.430 | 7.680 | 8.256 | 7.918 | 7.804 | 7.773 | 7.542 | 7.629 | 13 |
| 14 | 7.688 | 7.518 | 7.466 | 7.395 | 7.418 | 7.727 | 8.208 | 7.994 | 7.734 | 7.754 | 7.536 | 7.629 | 14 |
| 15 | 7.668 | 7.533 | 7.503 | 7.383 | 7.384 | 7.775 | 8.174 | 7.989 | 7.721 | 7.738 | 7.548 | 7.627 | 15 |
| 16 | 7.680 | 7.530 | 7.504 | 7.381 | 7.373 | 7.829 | 8.158 | 7.943 | 7.738 | 7.751 | 7.556 | 7.631 | 16 |
| 17 | 7.696 | 7.535 | 7.461 | 7.363 | 7.371 | 7.880 | 8.143 | 7.915 | 7.781 | 7.670 | 7.571 | 7.654 | 17 |
| 18 | 7.686 | 7.519 | 7.419 | 7.332 | 7.347 | 7.960 | 8.146 | 7.911 | 7.813 | 7.606 | 7.596 | 7.656 | 18 |
| 19 | 7.694 | 7.490 | 7.367 | 7.304 | 7.331 | 8.036 | 8.173 | 7.902 | 7.835 | 7.543 | 7.576 | 7.630 | 19 |
| 20 | 7.677 | 7.477 | 7.345 | 7.292 | 7.324 | 8.092 | 8.171 | 7.906 | 7.833 | 7.531 | 7.521 | 7.614 | 20 |
| 21 | 7.654 | 7.485 | 7.344 | 7.285 | 7.325 | 8.145 | 8.171 | 7.895 | 7.837 | 7.542 | 7.484 | 7.603 | 21 |
| 22 | 7.624 | 7.449 | 7.327 | 7.271 | 7.326 | 8.206 | 8.215 | 7.897 | 7.859 | 7.555 | 7.480 | 7.591 | 22 |
| 23 | 7.590 | 7.425 | 7.322 | 7.267 | 7.339 | 8.290 | 8.235 | 7.880A | 7.856 | 7.574 | 7.546 | 7.582 | 23 |
| 24 | 7.546 | 7.420 | 7.324 | 7.296 | 7.366 | 8.355 | 8.213 | 7.870E | 7.826 | 7.601 | 7.533 | 7.543 | 24 |
| 25 | 7.531 | 7.431 | 7.318 | 7.317 | 7.405 | 8.398 | 8.191 | 7.865E | 7.774 | 7.631 | 7.538 | 7.512 | 25 |
| 26 | 7.553 | 7.421 | 7.309 | 7.344 | 7.442 | 8.457 | 8.157 | 7.860E | 7.726 | 7.651 | 7.510 | 7.491 | 26 |
| 27 | 7.572 | 7.414 | 7.304 | 7.382 | 7.464 | 8.521 | 8.119 | 7.850E | 7.643 | 7.703 | 7.476 | 7.478 | 27 |
| 28 | 7.570 | 7.382 | 7.318 | 7.406 | 7.465 | 8.535 | 8.051 | 7.845E | 7.628 | 7.733 | 7.459 | 7.466 | 28 |
| 29 | 7.566 | | 7.341 | 7.408 | 7.448 | 8.505 | 7.922 | 7.830E | 7.645 | 7.749 | 7.485 | 7.456 | 29 |
| 30 | 7.575 | | 7.363 | 7.423 | 7.432 | 8.448 | 7.865 | 7.825E | 7.650 | 7.845 | 7.517 | 7.478 | 30 |
| 31 | 7.561 | | 7.362 | | 7.432 | | 7.832 | 7.820E | | 7.957 | | 7.525 | 31 |
| MEAN | 7.645 | 7.475 | 7.391 | 7.364 | 7.405 | 7.896 | 8.212 | 7.877 | 7.767 | 7.708 | 7.643 | 7.578 | MEAN |
| MAX | 7.751 | 7.535 | 7.504 | 7.449 | 7.477 | 8.535 | 8.390 | 7.994 | 7.869 | 7.957 | 8.018 | 7.656 | MAX |
| MIN | 7.531 | 7.382 | 7.304 | 7.267 | 7.324 | 7.408 | 7.832 | 7.820 | 7.628 | 7.531 | 7.459 | 7.456 | MIN |

WATER LEVELS IN METRES

MEAN, 7.665
MAXIMUM DAILY, 8.535 ON JUN 28
MINIMUM DAILY, 7.267 ON APR 23
MAXIMUM INSTANTANEOUS,
8.566 AT 16:27 CST ON JUN 28

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 19 10 N
LONG 96 01 50 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

## BIG SMITH CREEK NEAR MACKENZIE HIGHWAY - STATION NO. 10HC003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.270B | 0B | 0B | 0 B | 0.430B | 49.3 | 8.48 | 4.16 | 6.39 | 3.95 | 2.60B | 1.23 B | 1 |
| 2 | 0.250B | 0B | 0B | 0 B | 0.480B | 43.6 | 7.64 | 4.01 | 6.02 | 4.47 | 2.56B | 1.19 B | 2 |
| 3 | 0.230B | 0B | 0B | 0 B | 0.540B | 39.8 | 6.52 | 3.73 | 5.69 | 4.45 | 2.51B | 1.13 B | 3 |
| 4 | 0.210B | 0B | 0B | 0 B | 0.600B | 44.5 | 5.70 | 3.72 | 5.39 | 4.42B | 2.48B | 1.09 B | 4 |
| 5 | 0.200B | 0B | 0B | 0 B | 0.680B | 52.1 | 5.18 | 3.28 | 5.12 | 4.35B | 2.43B | 1.04 B | 5 |
| 6 | 0.190B | 0B | 0B | 0 B | 0.750B | 51.3 | 4.59 | 3.10 | 4.85 | 4.25B | 2.39B | 1.00 B | 6 |
| 7 | 0.170B | 0B | 0B | 0 B | 0.830B | 48.4 | 4.07 | 2.69 | 4.58 | 4.16B | 2.35B | 0.980B | 7 |
| 8 | 0.150B | 0B | 0B | 0 B | 0.940B | 44.6 | 3.63 | 2.31 | 4.38 | 4.07B | 2.32B | 0.920B | 8 |
| 9 | 0.140B | 0B | 0B | 0 B | 1.03 B | 39.8 | 3.31 | 2.10 | 4.22 | 4.00B | 2.28B | 0.900B | 9 |
| 10 | 0.130B | 0B | 0B | 0 B | 1.15 B | 34.9 | 3.14 | 1.96 | 4.05 | 3.91B | 2.23B | 0.870B | 10 |
| 11 | 0.110B | 0B | 0B | 0 B | 1.32 B | 30.0 | 2.99 | 3.01 | 3.93 | 3.85B | 2.20B | 0.830B | 11 |
| 12 | 0.100B | 0B | 0B | 0 B | 1.46 B | 26.0 | 2.84 | 18.1 | 3.79 | 3.76B | 2.16B | 0.800B | 12 |
| 13 | 0.090B | 0B | 0B | 0 B | 1.80 B | 22.4 | 2.60 | 58.1 | 3.70 | 3.70B | 2.13B | 0.770B | 13 |
| 14 | 0.080B | 0B | 0B | 0 B | 2.11 B | 19.3 | 2.49 | 55.4 | 3.60 | 3.64B | 2.10B | 0.730B | 14 |
| 15 | 0.070B | 0B | 0B | 0 B | 2.68 B | 19.9 | 2.47 | 57.1 | 3.44 | 3.56B | 2.06B | 0.700B | 15 |
| 16 | 0.060B | 0B | 0B | 0 B | 3.50 B | 23.9 | 2.50 | 58.5 | 3.37 | 3.50B | 2.02B | 0.670B | 16 |
| 17 | 0.050B | 0B | 0B | 0 B | 5.00 B | 33.9 | 2.51 | 51.8 | 3.28 | 3.43B | 2.00B | 0.640B | 17 |
| 18 | 0.040B | 0B | 0B | 0 B | 8.20 B | 32.1 | 3.13 | 42.4 | 3.19 | 3.37B | 1.93B | 0.610B | 18 |
| 19 | 0.030B | 0B | 0B | 0.020B | 26.0 B | 30.5 | 4.56 | 34.6 | 3.08 | 3.30B | 1.88B | 0.580B | 19 |
| 20 | 0.020B | 0B | 0B | 0.040B | 46.2 B | 28.7 | 5.00 | 28.0 | 3.00 | 3.24B | 1.81B | 0.550B | 20 |
| 21 | 0.010B | 0B | 0B | 0.060B | 72.9 | 26.1 | 5.38 | 22.1 | 2.92 | 3.19B | 1.76B | 0.520B | 21 |
| 22 | 0 B | 0B | 0B | 0.090B | 97.0 | 23.4 | 4.92 | 18.3 | 2.75 | 3.12B | 1.70B | 0.500B | 22 |
| 23 | 0 B | 0B | 0B | 0.120B | 129 | 20.7 | 4.64 | 16.0 | 2.67 | 3.06B | 1.64B | 0.480B | 23 |
| 24 | 0 B | 0B | 0B | 0.140B | 143 | 17.9 | 4.34 | 13.8 | 2.78 | 3.00B | 1.60B | 0.440B | 24 |
| 25 | 0 B | 0B | 0B | 0.180B | 135 | 15.7 | 3.98 | 12.2 | 3.13 | 2.95B | 1.55B | 0.420B | 25 |
| 26 | 0 B | 0B | 0B | 0.220B | 112 | 14.5 | 3.83 | 11.0 | 3.32 | 2.90B | 1.49B | 0.400B | 26 |
| 27 | 0 B | 0B | 0B | 0.250B | 94.2 | 12.8 | 4.07 | 9.78 | 3.36 | 2.85B | 1.42B | 0.380B | 27 |
| 28 | 0 B | 0B | 0B | 0.290B | 81.4 | 11.3 | 4.10 | 8.71 | 3.29 | 2.80B | 1.38B | 0.360B | 28 |
| 29 | 0 B | | 0B | 0.320B | 71.9 | 10.0 | 3.94 | 8.00 | 3.37 | 2.75B | 1.32B | 0.340B | 29 |
| 30 | 0 B | | 0B | 0.380B | 63.8 | 9.24 | 4.14 | 7.37 | 3.50 | 2.70B | 1.28B | 0.320B | 30 |
| 31 | 0 B | | 0B | | 55.7 | | 4.18 | 6.81 | | 2.65B | | 0.300B | 31 |
| TOTAL | 2.600 | 0 | 0 | 2.110 | 1 161.600 | 876.64 | 130.87 | 572.14 | 116.16 | 109.35 | 59.58 | 21.690 | TOTAL |
| MEAN | 0.084 | 0 | 0 | 0.070 | 37.5 | 29.2 | 4.22 | 18.5 | 3.87 | 3.53 | 1.99 | 0.700 | MEAN |
| MAX | 0.270 | 0 | 0 | 0.380 | 143 | 52.1 | 8.48 | 58.5 | 6.39 | 4.47 | 2.60 | 1.23 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0.430 | 9.24 | 2.47 | 1.96 | 2.67 | 2.65 | 1.28 | 0.300 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.36
MAXIMUM DAILY, 143 ON MAY 24
MINIMUM DAILY, 0B ON JAN 22
MAXIMUM INSTANTANEOUS,
149 AT 02:20 MST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 36 17 N
LONG 124 47 49 W
DRAINAGE AREA, 938 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 225 | JUL | 11 300 |
| FEB | 0 | AUG | 49 400 |
| MAR | 0 | SEP | 10 000 |
| APR | 182 | OCT | 9 450 |
| MAY | 100 000 | NOV | 5 150 |
| JUN | 75 700 | DEC | 1 870 |

TOTAL DISCHARGE, 263 000 dam³

## BIRCH RIVER AT FORT LIARD HIGHWAY - STATION NO. 10ED003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.075B | 0.025B | 0.010B | 0 B | 8.54B | 5.07 | 0.423 | 0.423 | 2.47 | 2.74 | 1.50 B | 0.285B | 1 |
| 2 | 0.075B | 0.020B | 0.010B | 0 B | 11.0 B | 4.78 | 0.362 | 0.640 | 2.18 | 2.82 | 1.30 B | 0.285B | 2 |
| 3 | 0.070B | 0.020B | 0.010B | 0 B | 13.6 B | 4.77 | 0.326 | 0.784 | 2.07 | 2.74 | 1.07 B | 0.280B | 3 |
| 4 | 0.070B | 0.020B | 0.010B | 0 B | 13.9 B | 4.63 | 0.301 | 0.780 | 1.96 | 2.70 | 1.00 B | 0.275B | 4 |
| 5 | 0.065B | 0.020B | 0.010B | 0 B | 12.6 B | 4.26 | 0.293 | 0.765 | 1.83 | 2.68 | 0.900B | 0.275B | 5 |
| 6 | 0.065B | 0.020B | 0.010B | 0 B | 13.4 B | 3.72 | 0.265 | 0.745 | 1.69 | 2.65 | 0.820B | 0.270B | 6 |
| 7 | 0.060B | 0.020B | 0.010B | 0 B | 17.6 | 3.42 | 0.223 | 0.671 | 1.52 | 2.65 | 0.750B | 0.270B | 7 |
| 8 | 0.060B | 0.020B | 0.005B | 0 B | 24.5 | 3.10 | 0.193 | 0.592 | 1.43 | 2.66 | 0.680B | 0.265B | 8 |
| 9 | 0.055B | 0.020B | 0.005B | 0.004B | 30.8 | 2.74 | 0.164 | 0.522 | 1.57 | 2.54 | 0.600B | 0.260B | 9 |
| 10 | 0.055B | 0.020B | 0.005B | 0.005B | 30.9 | 2.44 | 0.143 | 0.471 | 1.74 | 2.37 | 0.560B | 0.260B | 10 |
| 11 | 0.050B | 0.020B | 0.005B | 0.007B | 29.2 | 2.20 | 0.149 | 0.736 | 1.80 | 2.17 | 0.530B | 0.255B | 11 |
| 12 | 0.050B | 0.020B | 0.005B | 0.008B | 29.2 | 1.97 | 0.157 | 1.34 | 1.88 | 2.06 | 0.500B | 0.250B | 12 |
| 13 | 0.045B | 0.020B | 0.005B | 0.005B | 30.2 | 1.73 | 0.161 | 2.50 | 1.91 | 1.88 | 0.480B | 0.250B | 13 |
| 14 | 0.040B | 0.020B | 0.005B | 0.007B | 32.1 | 1.60 | 0.138 | 3.94 | 1.86 | 1.68 | 0.460B | 0.245B | 14 |
| 15 | 0.040B | 0.020B | 0.005B | 0.006B | 37.8 | 1.70 | 0.120 | 4.53 | 1.77 | 1.57 | 0.440B | 0.245B | 15 |
| 16 | 0.035B | 0.015B | 0.001B | 0.005B | 44.4 | 1.67 | 0.118 | 4.46 | 1.63 | 1.81 | 0.430B | 0.240B | 16 |
| 17 | 0.035B | 0.015B | 0.001B | 0.005B | 47.1 | 1.70 | 0.118 | 3.53 | 1.50 | 1.92B | 0.420B | 0.235B | 17 |
| 18 | 0.031B | 0.015B | 0.001B | 0.010B | 46.0 | 1.64 | 0.158 | 3.39 | 1.37 | 2.84B | 0.410B | 0.230B | 18 |
| 19 | 0.030B | 0.015B | 0.001B | 0.040B | 43.4 | 1.44 | 0.267 | 5.39 | 1.28 | 3.69B | 0.400B | 0.230B | 19 |
| 20 | 0.030B | 0.015B | 0.001B | 0.097B | 38.7 | 1.26 | 0.271 | 7.66 | 1.18 | 3.73B | 0.390B | 0.225B | 20 |
| 21 | 0.030B | 0.015B | 0.001B | 0.876B | 31.1 | 1.10 | 0.227 | 7.96 | 1.10 | 2.46B | 0.380B | 0.220B | 21 |
| 22 | 0.030B | 0.015B | 0.001B | 2.23 B | 24.6 | 1.03 | 0.271 | 7.56 | 0.996 | 1.30B | 0.370B | 0.215B | 22 |
| 23 | 0.030B | 0.015B | 0.001B | 2.42 B | 19.3 | 0.956 | 0.345 | 7.04 | 0.940 | 1.56B | 0.360B | 0.210B | 23 |
| 24 | 0.030B | 0.015B | 0.001B | 2.39 B | 15.4 | 0.964 | 0.341 | 5.90 | 0.867 | 1.70B | 0.350B | 0.205B | 24 |
| 25 | 0.030B | 0.015B | 0.001B | 3.34 B | 12.3 | 0.914 | 0.286 | 5.87 | 0.809 | 1.80B | 0.340B | 0.200B | 25 |
| 26 | 0.030B | 0.010B | 0 B | 2.72 B | 10.3 | 0.818 | 0.234 | 5.19 | 0.755 | 1.90B | 0.330B | 0.200B | 26 |
| 27 | 0.025B | 0.010B | 0 B | 2.13 B | 9.08 | 0.709 | 0.192 | 4.57 | 0.742 | 2.05B | 0.320B | 0.190B | 27 |
| 28 | 0.025B | 0.010B | 0 B | 2.25 B | 8.01 | 0.619 | 0.160 | 4.23 | 0.926 | 2.15B | 0.310B | 0.180B | 28 |
| 29 | 0.025B | | 0 B | 2.13 B | 7.09 | 0.545 | 0.140 | 3.72 | 1.34 | 2.10B | 0.300B | 0.170B | 29 |
| 30 | 0.025B | | 0 B | 3.82 B | 6.59 | 0.498 | 0.137 | 3.24 | 2.14 | 2.00B | 0.290B | 0.170B | 30 |
| 31 | 0.025B | | 0 B | | 5.68 | | 0.214 | 2.81 | | 1.70B | | 0.160B | 31 |
| TOTAL | 1.341 | 0.485 | 0.120 | 24.505 | 704.39 | 63.989 | 6.897 | 101.959 | 45.255 | 70.62 | 16.990 | 7.250 | TOTAL |
| MEAN | 0.043 | 0.017 | 0.004 | 0.817 | 22.7 | 2.13 | 0.222 | 3.29 | 1.51 | 2.28 | 0.566 | 0.234 | MEAN |
| MAX | 0.075 | 0.025 | 0.010 | 3.82 | 47.1 | 5.07 | 0.423 | 7.96 | 2.47 | 3.73 | 1.50 | 0.285 | MAX |
| MIN | 0.025 | 0.010 | 0 | 0 | 5.68 | 0.498 | 0.118 | 0.423 | 0.742 | 1.30 | 0.290 | 0.160 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.86
MAXIMUM DAILY, 47.1 ON MAY 17
MINIMUM DAILY, 0B ON MAR 26
MAXIMUM INSTANTANEOUS,
47.4 AT 07:53 MST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 20 10 N
LONG 122 05 20 W
DRAINAGE AREA, 905 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 116 | JUL | 596 |
| FEB | 41.9 | AUG | 8 810 |
| MAR | 10.4 | SEP | 3 910 |
| APR | 2 120 | OCT | 6 100 |
| MAY | 60 900 | NOV | 1 470 |
| JUN | 5 530 | DEC | 626 |

TOTAL DISCHARGE, 90 200 dam³

NORTHWEST TERRITORIES

BLACK LABEL CREEK NEAR DISNAL LAKES - STATION NO. 10PC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 3.35B | 4.21 | 0.723 | 1.40 | 0.350B | 0B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 4.40B | 4.03 | 0.608 | 1.24 | 0.320B | 0B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 5.80B | 3.18 | 0.535 | 1.12 | 0.290B | 0B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 7.60B | 2.67 | 0.449 | 0.980 | 0.270B | 0B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 10.3 B | 2.13 | 0.376 | 0.919 | 0.250B | 0B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 13.6 B | 1.81 | 0.324 | 0.987 | 0.230B | 0B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 18.4 B | 1.60 | 0.278 | 1.00 | 0.220B | 0B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 24.5 B | 1.41 | 0.224 | 1.37 | 0.200B | 0B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 32.0 B | 1.22 | 0.193 | 1.62 | 0.190B | 0B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 42.0 B | 0.999 | 0.153 | 1.56 | 0.170B | 0B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 45.8 B | 0.802 | 0.130 | 1.38 | 0.160B | 0B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 47.2 B | 0.690 | 0.572 | 1.25 | 0.140B | 0B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 48.0 B | 0.576 | 2.95 | 0.976 | 0.130B | 0B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0 B | 47.3 B | 0.496 | 2.93 | 1.01 | 0.120B | 0B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0 B | 46.0 E | 0.397 | 2.37 | 0.921 | 0.100B | 0B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0 B | 38.0 E | 0.340 | 1.90 | 0.910 | 0.090B | 0B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0 B | 30.0 E | 0.418 | 1.58 | 0.869 | 0.080B | 0B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0 B | 20.6 | 0.962 | 1.36 | 0.743 | 0.070B | 0B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0.020B | 10.0 | 1.29 | 1.25 | 0.640 | 0.060B | 0B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0.030B | 7.99 | 1.22 | 1.21 | 0.591 | 0.050B | 0B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0.040B | 7.63 | 1.01 | 2.34 | 0.586 | 0.040B | 0B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0.080B | 5.85 | 0.919 | 3.15 | 0.644 | 0.030B | 0B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0.120B | 4.58 | 0.800 | 3.01 | 0.565 | 0.020B | 0B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0.180B | 5.05 | 0.704 | 2.61 | 0.612 | 0.010B | 0B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0.210B | 5.39 | 0.675 | 2.38 | 0.601 | 0 B | 0B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0.270B | 4.63 | 0.722 | 2.27 | 0.566 | 0 B | 0B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0.370B | 4.45 | 0.724 | 2.30 | 0.493 | 0 B | 0B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0.500B | 5.04 | 0.663 | 2.22 | 0.464 | 0 B | 0B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 1.00 B | 6.16 | 0.670 | 2.03 | 0.440 | 0 B | 0B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 1.80 B | 5.96 | 0.981 | 1.81 | 0.345 | 0 B | 0B | 0B | 30 |
| 31 | 0B | | 0B | | 2.50 B | | 0.855 | 1.59 | | 0 B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 7.120 | 557.58 | 39.173 | 55.825 | 26.802 | 3.590 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0.230 | 18.6 | 1.26 | 1.48 | 0.893 | 0.116 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 2.50 | 48.0 | 4.21 | 3.15 | 1.62 | 0.350 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 3.35 | 0.340 | 0.130 | 0.345 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.86
MAXIMUM DAILY, 48.0B ON JUN 13
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 12 45 N
LONG 116 36 27 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 3 280 |
| FEB | 0 | AUG | 3 960 |
| MAR | 0 | SEP | 2 320 |
| APR | 0 | OCT | 310 |
| MAY | 615 | NOV | 0 |
| JUN | 48 200 | DEC | 0 |

TOTAL DISCHARGE, 58 800 dam³

BOOT CREEK NEAR INUVIK - STATION NO. 10LC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 2.26 B | 0.141 | 0.005 | 0 | 0B | 0B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 2.48 B | 0.131 | 0.005 | 0 | 0B | 0B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 2.52 B | 0.116 | 0.005 | 0 | 0B | 0B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 2.51 B | 0.100 | 0.005 | 0 | 0B | 0B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 2.46 E | 0.087 | 0.006 | 0 | 0B | 0B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 2.31 E | 0.078 | 0.005 | 0 | 0B | 0B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 2.14 E | 0.067 | 0.004 | 0 | 0B | 0B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 1.68 | 0.056 | 0.004 | 0 | 0B | 0B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 1.25 | 0.050 | 0.003 | 0 | 0B | 0B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 0.978 | 0.044 | 0.004 | 0 | 0B | 0B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 0.809 | 0.037 | 0.003 | 0 | 0B | 0B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 0.632 | 0.031 | 0.003 | 0 | 0B | 0B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 0.528 | 0.027 | 0.002 | 0 | 0B | 0B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0 B | 0.468 | 0.023 | 0.001 | 0 | 0B | 0B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0 B | 0.567 | 0.023 | 0.001 | 0 | 0B | 0B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0 B | 0.706 | 0.021 | 0 | 0 | 0B | 0B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0 B | 0.704 | 0.018 | 0 | 0 | 0B | 0B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0 B | 0.701 | 0.015 | 0 | 0 | 0B | 0B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0.001B | 0.701 | 0.014 | 0 | 0 | 0B | 0B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0.002B | 0.696 | 0.013 | 0 | 0 | 0B | 0B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0.003B | 0.638 | 0.012 | 0 | 0 | 0B | 0B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0.006B | 0.519 | 0.010 | 0 | 0 | 0B | 0B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0.016B | 0.435 | 0.009 | 0 | 0 | 0B | 0B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0.026B | 0.374 | 0.008 | 0 | 0 | 0B | 0B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0.038B | 0.325 | 0.007 | 0 | 0B | 0B | 0B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0.064B | 0.275 | 0.006 | 0 | 0B | 0B | 0B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0.116B | 0.249 | 0.006 | 0 | 0B | 0B | 0B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0.360B | 0.208 | 0.006 | 0 | 0B | 0B | 0B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 1.10 B | 0.178 | 0.006 | 0 | 0B | 0B | 0B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 1.55 B | 0.158 | 0.006 | 0 | 0B | 0B | 0B | 0B | 30 |
| 31 | 0B | | 0B | | 1.94 B | | 0.006 | 0 | | 0B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 5.222 | 30.859 | 1.174 | 0.056 | 0 | 0 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0.168 | 1.02 | 0.038 | 0.002 | 0 | 0 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 1.94 | 2.52 | 0.141 | 0.006 | 0 | 0 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0.158 | 0.006 | 0 | 0 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.201
MAXIMUM DAILY, 2.52B ON JUN 3
MINIMUM DAILY, 0B ON MAY 1

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 21 23 N
LONG 133 40 15 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 101 |
| FEB | 0 | AUG | 4.84 |
| MAR | 0 | SEP | 0 |
| APR | 0 | OCT | 0 |
| MAY | 451 | NOV | 0 |
| JUN | 2 630 | DEC | 0 |

TOTAL DISCHARGE, 3 190 dam³

## BOSWORTH CREEK AT NORMAN WELLS - STATION NO. 10KA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.590B | 0.299B | 0.159B | 0.058B | 0.210B | 3.54 | 0.566 | 0.749 | 0.753 | 0.723 | 0.474B | 0.417B | 1 |
| 2 | 0.570B | 0.292B | 0.152B | 0.056B | 0.220B | 3.02 | 0.542 | 0.760 | 0.774 | 0.706 | 0.471B | 0.415B | 2 |
| 3 | 0.560B | 0.286B | 0.148B | 0.055B | 0.230B | 2.75 | 0.529 | 0.741 | 0.754 | 0.687 | 0.469B | 0.413B | 3 |
| 4 | 0.540B | 0.281B | 0.143B | 0.054B | 0.250B | 2.97 | 0.490 | 0.705 | 0.739 | 0.704 | 0.466B | 0.411B | 4 |
| 5 | 0.530B | 0.276B | 0.140B | 0.053B | 0.270B | 2.47 | 0.461 | 0.691 | 0.728 | 0.653 | 0.463B | 0.410B | 5 |
| 6 | 0.520B | 0.270B | 0.135B | 0.052B | 0.290B | 2.04 | 0.431 | 0.699 | 0.714 | 0.648 | 0.461B | 0.408B | 6 |
| 7 | 0.510B | 0.266B | 0.130B | 0.051B | 0.320B | 1.81 | 0.419 | 0.677 | 0.700 | 0.652 | 0.460B | 0.406B | 7 |
| 8 | 0.500B | 0.261B | 0.125B | 0.050B | 0.350B | 1.58 | 0.419 | 0.655 | 0.686 | 0.650 | 0.458B | 0.405B | 8 |
| 9 | 0.490B | 0.255B | 0.120B | 0.049B | 0.380B | 1.39 | 0.433 | 0.632 | 0.682 | 0.647 | 0.457B | 0.404B | 9 |
| 10 | 0.480B | 0.251B | 0.115B | 0.048B | 0.420B | 1.28 | 0.650 | 0.607 | 0.667 | 0.615 | 0.454B | 0.403B | 10 |
| 11 | 0.460B | 0.247B | 0.111B | 0.047B | 0.470B | 1.17 | 0.636 | 0.760 | 0.671 | 0.587 | 0.452B | 0.402B | 11 |
| 12 | 0.450B | 0.243B | 0.108B | 0.047B | 0.530B | 1.22 | 0.606 | 2.27 | 0.658 | 0.580 | 0.450B | 0.401B | 12 |
| 13 | 0.440B | 0.238B | 0.103B | 0.047B | 0.620B | 1.19 | 0.558 | 3.10 | 0.654 | 0.570 | 0.448B | 0.400B | 13 |
| 14 | 0.430B | 0.234B | 0.101B | 0.047B | 0.750B | 1.15 | 0.548 | 2.09 | 0.654 | 0.530 | 0.445B | 0.400B | 14 |
| 15 | 0.420B | 0.230B | 0.099B | 0.048B | 0.980B | 1.30 | 0.547 | 1.59 | 0.648 | 0.528 | 0.442B | 0.400B | 15 |
| 16 | 0.410B | 0.225B | 0.096B | 0.050B | 1.65 B | 1.64 | 0.524 | 1.37 | 0.662 | 0.513B | 0.441B | 0.399B | 16 |
| 17 | 0.400B | 0.221B | 0.092B | 0.051B | 4.10 B | 1.92 | 0.550 | 1.22 | 0.643 | 0.510B | 0.440B | 0.397B | 17 |
| 18 | 0.395B | 0.218B | 0.090B | 0.053B | 8.70 B | 1.50 | 0.675 | 1.10 | 0.639 | 0.507B | 0.439B | 0.396B | 18 |
| 19 | 0.389B | 0.214B | 0.088B | 0.058B | 9.60 B | 1.23 | 0.604 | 1.04 | 0.636 | 0.504B | 0.438B | 0.394B | 19 |
| 20 | 0.381B | 0.211B | 0.085B | 0.062B | 9.80 B | 1.01 | 0.548 | 1.00 | 0.635 | 0.502B | 0.436B | 0.392B | 20 |
| 21 | 0.372B | 0.207B | 0.081B | 0.070B | 9.95 B | 0.914 | 0.536 | 0.978 | 0.627 | 0.500B | 0.434B | 0.391B | 21 |
| 22 | 0.366B | 0.203B | 0.079B | 0.080B | 10.0 B | 0.861 | 0.511 | 0.946 | 0.628 | 0.498B | 0.431B | 0.390B | 22 |
| 23 | 0.358B | 0.200B | 0.077B | 0.090B | 9.95 B | 0.810 | 0.504 | 0.931 | 0.620 | 0.497B | 0.430B | 0.390B | 23 |
| 24 | 0.350B | 0.195B | 0.075B | 0.100B | 10.0 | 0.752 | 0.504 | 0.906 | 0.649 | 0.495B | 0.428B | 0.389B | 24 |
| 25 | 0.343B | 0.189B | 0.072B | 0.100B | 7.53 | 0.709 | 0.487 | 0.878 | 0.656 | 0.492B | 0.426B | 0.388B | 25 |
| 26 | 0.336B | 0.181B | 0.069B | 0.120B | 6.32 | 0.668 | 0.633 | 0.856 | 0.632 | 0.488B | 0.424B | 0.387B | 26 |
| 27 | 0.330B | 0.176B | 0.067B | 0.140B | 8.04 | 0.635 | 0.992 | 0.822 | 0.621 | 0.485B | 0.422B | 0.385B | 27 |
| 28 | 0.323B | 0.170B | 0.065B | 0.160B | 7.47 | 0.619 | 0.873 | 0.799 | 0.615 | 0.482B | 0.421B | 0.384B | 28 |
| 29 | 0.317B | | 0.063B | 0.170B | 10.8 | 0.597 | 0.839 | 0.781 | 0.619 | 0.480B | 0.420B | 0.383B | 29 |
| 30 | 0.311B | | 0.061B | 0.190B | 5.79 | 0.571 | 0.788 | 0.763 | 0.657 | 0.478B | 0.419B | 0.382B | 30 |
| 31 | 0.303B | | 0.060B | | 3.86 | | 0.745 | 0.743 | | 0.476B | | 0.381B | 31 |
| TOTAL | 13.174 | 6.539 | 3.109 | 2.256 | 129.850 | 43.316 | 18.148 | 31.859 | 20.021 | 17.387 | 13.319 | 12.323 | TOTAL |
| MEAN | 0.425 | 0.234 | 0.100 | 0.075 | 4.19 | 1.44 | 0.585 | 1.03 | 0.667 | 0.561 | 0.444 | 0.398 | MEAN |
| MAX | 0.590 | 0.299 | 0.159 | 0.190 | 10.8 | 3.54 | 0.992 | 3.10 | 0.774 | 0.723 | 0.474 | 0.417 | MAX |
| MIN | 0.303 | 0.170 | 0.060 | 0.047 | 0.210 | 0.571 | 0.419 | 0.607 | 0.615 | 0.476 | 0.419 | 0.381 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.853
MAXIMUM DAILY, 10.8 ON MAY 29
MINIMUM DAILY, 0.047B ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 19 41 N
LONG 126 52 12 W
DRAINAGE AREA, 123 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 140 | JUL | 1 570 |
| FEB | 565 | AUG | 2 750 |
| MAR | 269 | SEP | 1 730 |
| APR | 195 | OCT | 1 500 |
| MAY | 11 200 | NOV | 1 150 |
| JUN | 3 740 | DEC | 1 060 |

TOTAL DISCHARGE, 26 900 dam³

## BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.024B | 0B | 0B | 0 B | 8.08B | 156 | 79.4 | 30.2 | 24.3 | 29.2 | 2.62 B | 0.131B | 1 |
| 2 | 0.022B | 0B | 0B | 0 B | 9.03B | 152 | 70.0 | 22.1 | 17.2 | 23.8 | 2.56 B | 0.118B | 2 |
| 3 | 0.021B | 0B | 0B | 0 B | 11.9 B | 148 | 65.5 | 22.7 | 14.7 | 16.7 | 2.82 B | 0.104B | 3 |
| 4 | 0.019B | 0B | 0B | 0 B | 12.8 B | 143 | 62.9 | 29.2 | 13.5 | 22.1 | 3.40 B | 0.091B | 4 |
| 5 | 0.018B | 0B | 0B | 0 B | 11.0 B | 139 | 63.3 | 33.4 | 17.0 | 24.4 | 3.18 B | 0.076B | 5 |
| 6 | 0.016B | 0B | 0B | 0 B | 13.9 | 134 | 60.0 | 34.4 | 25.1 | 23.6 | 3.41 B | 0.063B | 6 |
| 7 | 0.015B | 0B | 0B | 0 B | 20.0 | 128 | 62.1 | 32.8 | 24.4 | 27.9 | 3.85 B | 0.049B | 7 |
| 8 | 0.013B | 0B | 0B | 0 B | 35.5 | 124 | 64.4 | 34.0 | 31.8 | 17.7 | 4.31 B | 0.048B | 8 |
| 9 | 0.012B | 0B | 0B | 0 B | 59.0 | 121 | 65.8 | 32.9 | 30.9 | 29.7 | 3.60 B | 0.048B | 9 |
| 10 | 0.011B | 0B | 0B | 0 B | 62.6 | 118 | 62.9 | 33.9 | 17.0 | 32.0 | 2.73 B | 0.047B | 10 |
| 11 | 0.009B | 0B | 0B | 0 B | 70.0 | 120 | 55.3 | 36.6 | 8.63 | 25.5 | 2.15 B | 0.046B | 11 |
| 12 | 0.008B | 0B | 0B | 0 B | 78.8 | 118 | 55.7 | 40.5 | 4.52 | 24.0 | 1.49 B | 0.045B | 12 |
| 13 | 0.006B | 0B | 0B | 0 B | 85.3 | 115 | 57.0 | 48.9 | 12.4 | 31.8 | 1.09 B | 0.045B | 13 |
| 14 | 0.005B | 0B | 0B | 0 B | 92.6 | 113 | 54.6 | 26.2 | 25.1 | 27.0 | 0.891B | 0.044B | 14 |
| 15 | 0.003B | 0B | 0B | 0 B | 100 | 120 | 47.3 | 22.7 | 33.2 | 17.2 | 0.760B | 0.043B | 15 |
| 16 | 0.002B | 0B | 0B | 0 B | 106 | 110 | 46.8 | 23.8 | 19.0 | 15.7 | 0.748B | 0.042B | 16 |
| 17 | 0 B | 0B | 0B | 0 B | 112 | 105 | 54.4 | 26.1 | 25.3 | 8.21 | 0.646B | 0.042B | 17 |
| 18 | 0 B | 0B | 0B | 0 B | 119 | 101 | 54.9 | 29.0 | 18.4 | 4.12 | 0.518B | 0.041B | 18 |
| 19 | 0 B | 0B | 0B | 0 B | 123 | 89.6 | 47.8 | 35.0 | 23.8 | 14.2 B | 0.435B | 0.040B | 19 |
| 20 | 0 B | 0B | 0B | 0 B | 132 | 92.5 | 29.8 | 32.7 | 26.3 | 15.7 B | 0.365B | 0.039B | 20 |
| 21 | 0 B | 0B | 0B | 0.425B | 130 | 98.0 | 44.5 | 26.2 | 29.0 | 12.8 B | 0.337B | 0.039B | 21 |
| 22 | 0 B | 0B | 0B | 0.850B | 148 | 94.1 | 47.4 | 20.3 | 23.3 | 13.7 B | 0.311B | 0.038B | 22 |
| 23 | 0 B | 0B | 0B | 1.28 B | 146 | 85.4 | 44.5 | 20.9 | 25.1 | 15.5 B | 0.282B | 0.037B | 23 |
| 24 | 0 B | 0B | 0B | 1.70 B | 154 | 88.3 | 39.4 | 11.1 | 26.1 | 11.1 B | 0.262B | 0.036B | 24 |
| 25 | 0 B | 0B | 0B | 2.13 B | 156 | 84.6 | 42.6 | 12.6 | 26.6 | 9.86B | 0.242B | 0.036B | 25 |
| 26 | 0 B | 0B | 0B | 2.55 B | 159 | 80.9 | 37.4 | 8.46 | 11.4 | 10.4 B | 0.222B | 0.035B | 26 |
| 27 | 0 B | 0B | 0B | 2.98 B | 162 | 76.7 | 38.1 | 16.9 | 20.7 | 12.1 B | 0.200B | 0.034B | 27 |
| 28 | 0 B | 0B | 0B | 3.40 B | 163 | 79.8 | 37.4 | 21.7 | 25.8 | 3.80B | 0.181B | 0.033B | 28 |
| 29 | 0 B | | 0B | 4.13 B | 163 | 80.9 | 36.0 | 11.0 | 22.7 | 2.20B | 0.160B | 0.033B | 29 |
| 30 | 0 B | | 0B | 5.54 B | 162 | 81.4 | 36.9 | 20.9 | 25.9 | 2.70B | 0.146B | 0.032B | 30 |
| 31 | 0 B | | 0B | | 159 | | 30.1 | 25.3 | | 3.01B | | 0.031B | 31 |
| TOTAL | 0.204 | 0 | 0 | 24.985 | 2 964.51 | 3 297.2 | 1 594.2 | 814.46 | 651.15 | 526.90 | 43.916 | 1.586 | TOTAL |
| MEAN | 0.007 | 0 | 0 | 0.833 | 95.6 | 110 | 51.4 | 26.3 | 21.7 | 17.0 | 1.46 | 0.051 | MEAN |
| MAX | 0.024 | 0 | 0 | 5.54 | 163 | 156 | 79.4 | 40.9 | 33.2 | 32.8 | 4.31 | 0.131 | MAX |
| MIN | 0 | 0 | 0 | 0 | 8.08 | 76.7 | 29.8 | 8.46 | 4.52 | 2.20 | 0.146 | 0.031 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.2
MAXIMUM DAILY, 163 ON MAY 28
MINIMUM DAILY, 0B ON JAN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 43 45 N
LONG 114 55 00 W
DRAINAGE AREA, 17 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 17.6 | JUL | 138 000 |
| FEB | 0 | AUG | 70 400 |
| MAR | 0 | SEP | 56 300 |
| APR | 2 160 | OCT | 45 500 |
| MAY | 256 000 | NOV | 3 790 |
| JUN | 285 000 | DEC | 137 |

TOTAL DISCHARGE, 857 000 dam³

## BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.78B | 4.25B | 3.19B | 2.88B | --- | --- | 520E | 189 | 242 | 120 | 20.0 B | 6.20B | 1 |
| 2 | 7.58B | 4.20B | 3.17B | 2.88B | --- | --- | 495E | 183 | 235 | 118 | 17.5 B | 6.10B | 2 |
| 3 | 7.37B | 4.13B | 3.16B | 2.88B | --- | --- | 473E | 175 | 228 | 109 | 16.0 B | 6.00B | 3 |
| 4 | 7.20B | 4.04B | 3.12B | 2.88B | --- | --- | 455E | 171 | 216 | 106 | 15.0 B | 5.90B | 4 |
| 5 | 7.00B | 4.00B | 3.11B | 2.89B | --- | --- | 438E | 168 | 211 | 108 | 14.0 B | 5.80B | 5 |
| 6 | 6.85B | 3.98B | 3.10B | 2.90B | --- | --- | 420E | 164 | 206 | 103 | 13.0 B | 5.60B | 6 |
| 7 | 6.65B | 3.90B | 3.09B | 2.91B | --- | --- | 398E | 161 | 200 | 111 | 12.0 B | 5.50B | 7 |
| 8 | 6.53B | 3.84B | 3.08B | 2.93B | --- | --- | 384 | 158 | 193 | 110 | 11.5 B | 5.30B | 8 |
| 9 | 6.40B | 3.79B | 3.04B | 2.95B | --- | --- | 364 | 156 | 188 | 106 | 11.0 B | 5.20B | 9 |
| 10 | 6.30B | 3.74B | 3.01B | 2.99B | --- | --- | 341 | 153 | 186 | 105 | 10.5 B | 5.00B | 10 |
| 11 | 6.19B | 3.70B | 3.01B | 3.04B | --- | --- | 323 | 149 | 183 | 105 | 10.0 B | 4.90B | 11 |
| 12 | 6.05B | 3.64B | 3.00B | 3.09B | --- | --- | 309 | 151 | 175 | 102 | 9.50B | 4.80B | 12 |
| 13 | 5.91B | 3.60B | 3.00B | 3.19B | --- | --- | 296 | 265 | 172 | 101 B | 9.00B | 4.80B | 13 |
| 14 | 5.80B | 3.55B | 2.99B | 3.28B | --- | --- | 285 | 362 | 167 | 95.0B | 8.60B | 4.70B | 14 |
| 15 | 5.65B | 3.50B | 2.98B | 3.35B | --- | --- | 271 | 326 | 160 | 88.0B | 8.30B | 4.70B | 15 |
| 16 | 5.55B | 3.48B | 2.97B | 3.42B | --- | --- | 261 | 306 | 154 | 80.8B | 8.00B | 4.60B | 16 |
| 17 | 5.40B | 3.46B | 2.95B | 3.51B | --- | --- | 254 | 279 | 151 | 75.0B | 7.80B | 4.60B | 17 |
| 18 | 5.26B | 3.42B | 2.92B | 3.70B | --- | --- | 249 | 259 | 151 | 70.0B | 7.60B | 4.60B | 18 |
| 19 | 5.19B | 3.40B | 2.91B | 3.89B | --- | --- | 250 | 243 | 148 | 65.0B | 7.40B | 4.50B | 19 |
| 20 | 5.05B | 3.39B | 2.90B | 4.09B | --- | --- | 249 | 245 | 142 | 60.0B | 7.30B | 4.40B | 20 |
| 21 | 5.00B | 3.35B | 2.90B | 4.40B | --- | --- | 249 | 266 | 140 | 56.0B | 7.20B | 4.30B | 21 |
| 22 | 4.99B | 3.32B | 2.90B | 4.62B | --- | --- | 246 | 285 | 137 | 53.0B | 7.10B | 4.20B | 22 |
| 23 | 4.91B | 3.30B | 2.90B | 4.99B | --- | --- | 239 | 290 | 136 | 49.0B | 7.00B | 4.00B | 23 |
| 24 | 4.81B | 3.30B | 2.89B | 5.24B | --- | --- | 228 | 287 | 133 | 46.0B | 6.90B | 3.90B | 24 |
| 25 | 4.75B | 3.29B | 2.89B | 5.80B | --- | --- | 219 | 271 | 130 | 42.0B | 6.80B | 3.80B | 25 |
| 26 | 4.65B | 3.25B | 2.89B | 6.20B | --- | --- | 214 | 269 | 126 | 38.0B | 6.60B | 3.70B | 26 |
| 27 | 4.60B | 3.22B | 2.89B | 6.80B | --- | --- | 210 | 266 | 123 | 35.0B | 6.50B | 3.70B | 27 |
| 28 | 4.55B | 3.20B | 2.89B | 7.76B | --- | --- | 220 | 264 | 122 | 32.0B | 6.50B | 3.60B | 28 |
| 29 | 4.45B | | 2.89B | 8.70B | --- | --- | 212 | 260 | 121 | 28.2B | 6.40B | 3.50B | 29 |
| 30 | 4.40B | | 2.89B | 9.65B | --- | --- | 201 | 249 | 120 | 26.0B | 6.30B | 3.50B | 30 |
| 31 | 4.32B | | 2.88B | | --- | | 195 | 245 | | 23.0B | | 3.50B | 31 |
| TOTAL | 177.14 | 101.25 | 92.51 | 127.81 | --- | --- | 9 468 | 7 215 | 4 996 | 2 366.0 | 291.30 | 144.90 | TOTAL |
| MEAN | 5.71 | 3.62 | 2.98 | 4.26 | --- | --- | 305 | 233 | 167 | 76.3 | 9.71 | 4.67 | MEAN |
| MAX | 7.78 | 4.25 | 3.19 | 9.65 | --- | --- | 520 | 362 | 242 | 120 | 20.0 | 6.20 | MAX |
| MIN | 4.32 | 3.20 | 2.88 | 2.88 | --- | --- | 195 | 149 | 120 | 23.0 | 6.30 | 3.50 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 2.88B ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 43 20 N
LONG 108 49 00 W
DRAINAGE AREA, 18 800 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 15 300 | JUL | 818 000 |
| FEB | 8 750 | AUG | 623 000 |
| MAR | 7 990 | SEP | 432 000 |
| APR | 11 000 | OCT | 204 000 |
| MAY | --- | NOV | 25 200 |
| JUN | --- | DEC | 12 500 |

## CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.03 | 1.32E | 1.28E | 1.18 E | 1.01 | 5.55E | 15.4 | 8.62 | 4.38 | 3.84 | 3.16E | 2.63E | 1 |
| 2 | 2.02 | 1.31E | 1.26E | 1.18 E | 1.03 | 5.80E | 15.8 | 8.46 | 4.34 | 3.76 | 3.14E | 2.62E | 2 |
| 3 | 2.01 | 1.31E | 1.24E | 1.17 E | 1.06 | 6.15E | 15.6 | 8.24 | 4.41 | 3.76 | 3.13E | 2.61E | 3 |
| 4 | 2.00 | 1.31E | 1.22E | 1.17 E | 1.09 | 6.55E | 15.6 | 7.88 | 4.39 | 3.79 | 3.11E | 2.60E | 4 |
| 5 | 1.97 | 1.32A | 1.18E | 1.17 A | 1.10 | 6.90E | 15.5 | 7.55 | 4.35 | 3.78 | 3.10E | 2.58E | 5 |
| 6 | 1.94 | 1.35 | 1.16E | 1.12 | 1.11 | 7.20E | 15.3 | 7.38 | 4.26 | 3.84 | 3.09E | 2.56E | 6 |
| 7 | 1.92 | 1.34 | 1.14E | 1.13 | 1.09 | 7.50E | 14.8 | 7.29 | 4.32 | 3.77 | 3.07E | 2.55E | 7 |
| 8 | 1.94 | 1.31 | 1.13E | 1.15 | 1.10 | 7.81A | 14.7 | 7.21 | 4.71 | 3.73 | 3.06E | 2.54E | 8 |
| 9 | 1.92 | 1.32 | 1.12E | 1.14 | 1.11 | 8.25 | 14.4 | 7.16 | 4.86 | 3.74 | 3.04E | 2.53E | 9 |
| 10 | 1.92 | 1.34 | 1.11E | 1.11 | 1.12 | 8.94 | 14.4 | 7.06 | 4.81 | 3.77 | 3.02E | 2.52E | 10 |
| 11 | 1.82A | 1.30 | 1.09E | 1.09 | 1.12 | 9.67 | 14.0 | 6.87 | 4.70 | 3.72 | 3.00E | 2.51E | 11 |
| 12 | 1.76E | 1.33 | 1.08A | 1.07 | 1.11 | 10.4 | 13.3 | 6.70 | 4.74 | 3.76 | 2.99E | 2.50E | 12 |
| 13 | 1.71E | 1.34 | 1.15 | 1.05 | 1.16 | 11.1 | 13.1 | 6.64 | 4.73 | 3.65 | 2.97E | 2.49E | 13 |
| 14 | 1.67E | 1.33 | 1.14 | 1.03 | 1.23 | 11.5 | 12.9 | 6.56 | 4.66 | 3.54 | 2.95E | 2.49E | 14 |
| 15 | 1.64E | 1.30 | 1.14 | 0.971 | 1.45 | 11.8 | 12.8 | 6.46 | 4.45 | 3.46 | 2.93E | 2.45A | 15 |
| 16 | 1.61E | 1.31 | 1.15 | 0.952 | 1.80 | 12.2 | 12.3 | 6.39 | 4.51 | 3.47 | 2.91E | 2.50 | 16 |
| 17 | 1.58E | 1.32 | 1.14 | 0.951 | 2.18 | 12.4 | 11.9 | 6.31 | 4.37 | 3.42 | 2.88E | 2.50 | 17 |
| 18 | 1.55E | 1.30 | 1.16 | 0.935 | 2.46 | 12.5 | 11.3 | 6.26 | 4.38 | 3.32 | 2.87E | 2.45 | 18 |
| 19 | 1.53E | 1.31 | 1.19 | 0.943 | 2.73 | 13.1 | 10.7 | 6.24 | 4.42 | 3.31 | 2.85E | 2.40 | 19 |
| 20 | 1.51E | 1.31 | 1.21 | 0.954 | 3.03 | 13.7 | 10.4 | 6.14 | 4.38 | 3.30 | 2.83E | 2.40 | 20 |
| 21 | 1.49E | 1.31 | 1.26 | 0.964 | 3.17 | 13.8 | 10.5 | 5.86 | 4.28 | 3.32 | 2.81E | 2.36 | 21 |
| 22 | 1.47E | 1.29 | 1.27 | 0.964 | 3.21 | 13.9 | 10.3 | 5.63 | 4.23 | 3.30 | 2.77E | 2.39 | 22 |
| 23 | 1.46E | 1.30 | 1.28 | 0.948 | 3.25 | 14.3 | 10.1 | 5.40 | 4.30 | 3.30 | 2.76E | 2.40 | 23 |
| 24 | 1.45E | 1.28 | 1.32 | 0.910 | 4.03 | 14.3 | 9.95 | 5.12 | 4.17 | 3.34 | 2.74E | 2.36 | 24 |
| 25 | 1.43E | 1.32A | 1.32 | 0.887 | 4.09 | 14.5 | 9.66 | 4.90 | 4.01 | 3.31 | 2.73E | 2.37 | 25 |
| 26 | 1.41E | 1.31E | 1.36 | 0.905 | 4.08A | 15.0 | 9.65 | 4.87 | 4.07 | 3.30 | 2.71E | 2.39 | 26 |
| 27 | 1.38E | 1.31E | 1.33 | 0.934 | 4.28E | 15.2 | 9.60 | 4.87 | 4.12 | 3.20 | 2.68E | 2.38 | 27 |
| 28 | 1.37E | 1.29E | 1.34 | 0.987 | 4.50E | 15.4 | 9.21 | 4.72 | 4.00 | 3.24 | 2.66E | 2.35 | 28 |
| 29 | 1.36E | | 1.34 | 1.00 | 4.78E | 15.5 | 9.22 | 4.56 | 3.91 | 3.19 | 2.65E | 2.37 | 29 |
| 30 | 1.35E | | 1.28 | 0.981 | 5.03E | 15.2 | 9.16 | 4.55 | 3.97 | 3.18E | 2.64E | 2.34 | 30 |
| 31 | 1.34E | | 1.18A | | 5.28E | | 8.92 | 4.46 | | 3.18E | | 2.35 | 31 |
| TOTAL | 51.56 | 36.79 | 37.57 | 30.946 | 74.79 | 336.12 | 380.27 | 196.36 | 131.23 | 108.59 | 87.25 | 76.49 | TOTAL |
| MEAN | 1.66 | 1.31 | 1.21 | 1.03 | 2.41 | 11.2 | 12.3 | 6.33 | 4.37 | 3.50 | 2.91 | 2.47 | MEAN |
| MAX | 2.03 | 1.35 | 1.36 | 1.18 | 5.28 | 15.5 | 15.8 | 8.62 | 4.86 | 3.84 | 3.16 | 2.63 | MAX |
| MIN | 1.34 | 1.28 | 1.08 | 0.887 | 1.01 | 5.55 | 8.92 | 4.46 | 3.91 | 3.18 | 2.64 | 2.34 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.24
MAXIMUM DAILY, 15.8 ON JUL 3
MINIMUM DAILY, 0.887 ON APR 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 29 22 N
LONG 113 31 12 W
DRAINAGE AREA, 3 570 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 450 | JUL | 32 900 |
| FEB | 3 180 | AUG | 17 000 |
| MAR | 3 250 | SEP | 11 300 |
| APR | 2 670 | OCT | 9 380 |
| MAY | 6 460 | NOV | 7 540 |
| JUN | 29 000 | DEC | 6 610 |

TOTAL DISCHARGE, 134 000 dam³

## CANSELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 101 | 92.7 | 86.4 | 77.7 | 68.6 | 92.4 | 125 | 121 | 116 | 106 | 102 | 99.8E | 1 |
| 2 | 101 | 92.0 | 86.6 | 76.9 | 68.2 | 93.3 | 126 | 122 | 116 | 106 | 102 | 99.5E | 2 |
| 3 | 100 | 91.3 | 86.2 | 76.6 | 67.9 | 94.3 | 125 | 122 | 116 | 107 | 102 | 99.3E | 3 |
| 4 | 100 | 91.2 | 86.0 | 76.6 | 68.0 | 94.9 | 125 | 122 | 116 | 106 | 102 | 99.0E | 4 |
| 5 | 99.7 | 91.7 | 85.6 | 76.4 | 68.4 | 96.6 | 126 | 121 | 116 | 106 | 102 | 98.8E | 5 |
| 6 | 99.8 | 93.2 | 85.0 | 76.3 | 68.3 | 97.9 | 126 | 121 | 115 | 106 | 102E | 98.5E | 6 |
| 7 | 101 | 92.3 | 84.7 | 76.7 | 68.1 | 98.3 | 126 | 121 | 114 | 107 | 102E | 98.3E | 7 |
| 8 | 99.7 | 92.0 | 84.3 | 76.7 | 68.0 | 99.8 | 125 | 121 | 113 | 107 | 102E | 98.0E | 8 |
| 9 | 98.8 | 91.7 | 83.9 | 76.1 | 67.5 | 102 | 123 | 121 | 113 | 107 | 102E | 97.8E | 9 |
| 10 | 98.3 | 91.5 | 83.6 | 75.6 | 67.0 | 104 | 123 | 121 | 114 | 107 | 102E | 97.5E | 10 |
| 11 | 97.6 | 91.5 | 83.4 | 75.3 | 67.0 | 106 | 122 | 117 | 112 | 106 | 101E | 97.3E | 11 |
| 12 | 97.7 | 91.9 | 83.2 | 74.9 | 66.7 | 106 | 124 | 118 | 112 | 106 | 101E | 97.0E | 12 |
| 13 | 97.8 | 91.9 | 83.1 | 74.6 | 66.7 | 108 | 124 | 117 | 112 | 106 | 101E | 96.8E | 13 |
| 14 | 97.9 | 91.6 | 82.8 | 73.9 | 66.2 | 109 | 123 | 116 | 113 | 105 | 101E | 96.5E | 14 |
| 15 | 97.8 | 90.1 | 82.5 | 73.5 | 65.8 | 109 | 122 | 117 | 112 | 105 | 102E | 96.3E | 15 |
| 16 | 96.9 | 89.7 | 82.1 | 73.1 | 65.7 | 111 | 124 | 118 | 112 | 104 | 102E | 96.0E | 16 |
| 17 | 96.5 | 89.5 | 81.8 | 73.1 | 65.6 | 113 | 125 | 118 | 111 | 103 | 102E | 95.8E | 17 |
| 18 | 96.1 | 89.1 | 81.8 | 72.7 | 65.4 | 115 | 121 | 118 | 111 | 103 | 102E | 95.5E | 18 |
| 19 | 95.6 | 88.7 | 81.2 | 72.5 | 65.8 | 114 | 120 | 119 | 110 | 103 | 101E | 95.3E | 19 |
| 20 | 95.5 | 89.3 | 80.9 | 72.2 | 68.0 | 115 | 122 | 121 | 109 | 103 | 101E | 95.0E | 20 |
| 21 | 95.7 | 89.1 | 80.7 | 72.3 | 71.7 | 116 | 124 | 122 | 110 | 103 | 101E | 94.8E | 21 |
| 22 | 95.7 | 88.1 | 80.6 | 71.9 | 75.7 | 116 | 125 | 121 | 109 | 103 | 101E | 94.5E | 22 |
| 23 | 95.6 | 87.9 | 80.5 | 71.8 | 78.4 | 119 | 125 | 120 | 109 | 99.0 | 101E | 94.3E | 23 |
| 24 | 95.4 | 87.8 | 79.9 | 71.4 | 80.6 | 119 | 125 | 118 | 109 | 101 | 101E | 94.0E | 24 |
| 25 | 95.1 | 87.4 | 79.3 | 71.0 | 82.1 | 120 | 124 | 117 | 109 | 102 | 100E | 93.8E | 25 |
| 26 | 94.3 | 87.3 | 79.0 | 70.5 | 83.3 | 121 | 124 | 117 | 109 | 102 | 100E | 93.5E | 26 |
| 27 | 93.9 | 86.8 | 79.4 | 70.2 | 84.6 | 122 | 124 | 118 | 109 | 103 | 100E | 93.3E | 27 |
| 28 | 93.8 | 86.5 | 79.5 | 69.4 | 86.0 | 124 | 122 | 118 | 108 | 105 | 100E | 93.0E | 28 |
| 29 | 93.8 | | 78.9 | 68.6 | 87.4 | 124 | 123 | 117 | 108 | 103 | 100E | 92.8E | 29 |
| 30 | 93.9 | | 78.4 | 68.4 | 89.2 | 124 | 121 | 117 | 108 | 103 | 100E | 92.5E | 30 |
| 31 | 93.6 | | 78.0 | | 90.8 | | 121 | 116 | | 102 | | 92.3E | 31 |
| TOTAL | 3 009.5 | 2 523.8 | 2 549.3 | 2 206.9 | 2 252.7 | 3 284.5 | 3 835 | 3 693 | 3 351 | 3 235.0 | 3 038 | 2 976.8 | TOTAL |
| MEAN | 97.1 | 90.1 | 82.2 | 73.6 | 72.7 | 109 | 124 | 119 | 112 | 104 | 101 | 96.0 | MEAN |
| MAX | 101 | 93.2 | 86.6 | 77.7 | 90.8 | 124 | 126 | 122 | 116 | 107 | 102 | 99.8 | MAX |
| MIN | 93.6 | 86.5 | 78.0 | 68.4 | 65.4 | 92.4 | 120 | 116 | 108 | 99.0 | 100 | 92.3 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 98.5
MAXIMUM DAILY, 126 ON JUL 2
MINIMUM DAILY, 65.4 ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 35 45 N
LONG 117 45 20 W
DRAINAGE AREA, 31 100 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 260 000 | JUL | 331 000 |
| FEB | 218 000 | AUG | 319 000 |
| MAR | 220 000 | SEP | 290 000 |
| APR | 191 000 | OCT | 280 000 |
| MAY | 195 000 | NOV | 262 000 |
| JUN | 284 000 | DEC | 257 000 |

TOTAL DISCHARGE, 3 110 000 dam³

## CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10KB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.60B | 6.80B | 5.45B | 5.45B | 14.2B | 376 | 135 | 175 | 100 | 57.1E | 29.5B | 18.5B | 1 |
| 2 | 9.49B | 6.75B | 5.40B | 5.55B | 15.0B | 421 | 121 | 196 | 98.2 | 56.0E | 29.0B | 18.3B | 2 |
| 3 | 9.37B | 6.70B | 5.39B | 5.60B | 16.0B | 380 | 111 | 178 | 115 | 54.9E | 28.5B | 18.0B | 3 |
| 4 | 9.25B | 6.63B | 5.37B | 5.65B | 17.5B | 438 | 105 | 154 | 142 | 53.8E | 28.0B | 17.8B | 4 |
| 5 | 9.15B | 6.59B | 5.31B | 5.80B | 19.0B | 350 | 96.4 | 133 | 135 | 52.8E | 27.5B | 17.6B | 5 |
| 6 | 9.00B | 6.50B | 5.30B | 5.90B | 21.0B | 367 | 87.4 | 121 | 120 | 51.7E | 27.1B | 17.4B | 6 |
| 7 | 8.95B | 6.45B | 5.25B | 6.00B | 23.0B | 388 | 80.4 | 115 | 110 | 50.6E | 26.7B | 17.2B | 7 |
| 8 | 8.80B | 6.40B | 5.22B | 6.10B | 25.0B | 333 | 74.6 | 111 | 104 | 49.5E | 26.2B | 16.9B | 8 |
| 9 | 8.75B | 6.38B | 5.20B | 6.25B | 28.5B | 275 | 91.5 | 102 | 104 | 48.4E | 25.8B | 16.7B | 9 |
| 10 | 8.60B | 6.30B | 5.19B | 6.40B | 32.0B | 246 | 114 | 95.2 | 104 | 47.4E | 25.4B | 16.5B | 10 |
| 11 | 8.55B | 6.23B | 5.17B | 6.50B | 36.0B | 258 | 125 | 96.8E | 98.5 | 46.3E | 25.0B | 16.2B | 11 |
| 12 | 8.44B | 6.20B | 5.15B | 6.65B | 42.0B | 457 | 102 | 307 E | 95.3 | 45.2E | 24.7B | 16.0B | 12 |
| 13 | 8.35B | 6.10B | 5.13B | 6.80B | 48.0B | 597 | 120 | 667 E | 90.6 | 44.1E | 24.3B | 15.9B | 13 |
| 14 | 8.20B | 6.05B | 5.10B | 7.00B | 57.0B | 427 | 127 | 558 | 86.9 | 43.0E | 23.9B | 15.7B | 14 |
| 15 | 8.10B | 6.00B | 5.05B | 7.20B | 67.0B | 633 | 99.0 | 373 | 84.0 | 41.9E | 23.6B | 15.5B | 15 |
| 16 | 8.00B | 5.99B | 5.03B | 7.40B | 78.0B | 571 | 106 | 309 | 82.6 | 40.8E | 23.1B | 15.3B | 16 |
| 17 | 7.99B | 5.95B | 5.01B | 7.60B | 98.0B | 350 | 154 | 249 | 79.6 | 39.7E | 22.9B | 15.2B | 17 |
| 18 | 7.90B | 5.90B | 5.01B | 7.80B | 120 B | 289 | 298 | 203 | 76.0 | 38.7E | 22.5B | 15.0B | 18 |
| 19 | 7.79B | 5.85B | 5.01B | 8.05B | 160 B | 254 | 295 | 173 | 72.9 | 37.6E | 22.1B | 14.9B | 19 |
| 20 | 7.70B | 5.80B | 5.01B | 8.35B | 180 B | 353 | 173 | 161 | 70.7 | 36.5B | 21.8B | 14.8B | 20 |
| 21 | 7.60B | 5.78B | 5.01B | 8.76B | 237 B | 445 | 130 | 151 | 68.7 | 35.9B | 21.5B | 14.6B | 21 |
| 22 | 7.55B | 5.73B | 5.01B | 9.00B | 350 B | 337 | 107 | 173 | 66.9 | 35.2B | 21.2B | 14.4B | 22 |
| 23 | 7.45B | 5.70B | 5.03B | 9.20B | 575 B | 251 | 112 | 198 | 65.8A | 34.7B | 20.8B | 14.2B | 23 |
| 24 | 7.39B | 5.67B | 5.05B | 9.60B | 575 B | 189 | 104 | 182 | 64.7E | 34.0B | 20.5B | 14.0B | 24 |
| 25 | 7.30B | 5.71B | 5.10B | 10.0 B | 565 E | 157 | 101 | 162 | 63.6E | 33.4B | 20.2B | 13.9B | 25 |
| 26 | 7.20B | 5.59B | 5.15B | 10.5 B | 535 E | 142 | 130 | 145 | 62.5E | 32.8B | 19.9B | 13.8B | 26 |
| 27 | 7.15E | 5.55B | 5.19B | 11.0 B | 516 A | 148 | 242 | 133 | 61.5E | 32.2B | 19.7B | 13.7B | 27 |
| 28 | 7.05B | 5.50B | 5.20B | 11.8 B | 540 | 143 | 181 | 124 | 60.4E | 31.7B | 19.5B | 13.5B | 28 |
| 29 | 7.00B | | 5.25B | 12.5 B | 729 | 143 | 144 | 116 | 59.3E | 31.1B | 19.1B | 13.4B | 29 |
| 30 | 6.97B | | 5.35B | 13.2 B | 741 | 150 | 131 | 109 | 58.2E | 30.3B | 18.8B | 13.3B | 30 |
| 31 | 6.90B | | 5.40B | | 459 | | 137 | 104 | | 30.0B | | 13.2B | 31 |
| TOTAL | 251.54 | 170.89 | 160.49 | 237.61 | 7 119.2 | 9 860 | 4 134.3 | 6 074.0 | 2 600.9 | 1 297.3 | 708.8 | 481.4 | TOTAL |
| MEAN | 8.11 | 6.10 | 5.19 | 7.92 | 230 | 329 | 133 | 196 | 86.7 | 41.8 | 23.6 | 15.5 | MEAN |
| MAX | 9.60 | 6.80 | 5.45 | 13.2 | 741 | 633 | 298 | 667 | 142 | 57.1 | 29.5 | 18.5 | MAX |
| MIN | 6.90 | 5.50 | 5.01 | 5.45 | 14.2 | 140 | 74.6 | 95.2 | 58.2 | 30.0 | 18.8 | 13.2 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 90.7
MAXIMUM DAILY, 741 ON MAY 30
MINIMUM DAILY, 5.01B ON MAR 17
MAXIMUM INSTANTANEOUS,
890 AT 02:22 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 17 49 N
LONG 127 41 05 W
DRAINAGE AREA, 6 860 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 21 700 | JUL | 357 000 |
| FEB | 14 880 | AUG | 525 000 |
| MAR | 13 980 | SEP | 225 000 |
| APR | 20 500 | OCT | 112 000 |
| MAY | 615 000 | NOV | 61 200 |
| JUN | 852 000 | DEC | 41 600 |

TOTAL DISCHARGE, 2 860 000 dam³

CARIBOU CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 51.1 B | 5.52 | 2.10 | 1.52 | 1.37 | 0.864B | 0.455B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 48.5 | 5.09 | 2.09 | 1.51 | 0.968 | 0.871B | 0.435B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 33.1 | 4.91 | 2.10 | 1.51 | 1.08 | 0.862B | 0.420B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 27.7 | 4.68 | 2.08 | 1.50 | 1.27 | 0.858B | 0.405B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 22.4 | 4.40 | 2.02 | 1.51 | 1.02 | 0.852B | 0.392B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 19.0 | 4.20 | 2.00 | 1.51 | 1.31 | 0.844B | 0.378B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 16.1 | 3.97 | 1.97 | 1.50 | 1.27 | 0.836B | 0.367B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 13.7 | 3.86 | 1.93 | 1.49 | 1.27 | 0.826B | 0.355B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 12.0 | 3.68 | 1.93 | 1.48 | 1.30 | 0.816B | 0.346B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 10.3 | 3.56 | 1.92 | 1.48 | 1.22 | 0.800B | 0.336B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 9.34 | 3.35 | 1.92 | 1.47 | 1.20 | 0.790B | 0.327B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 8.54 | 3.21 | 1.92 | 1.46 | 1.18 | 0.775B | 0.318B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 7.79 | 3.09 | 1.89 | 1.45 | 1.08 | 0.760B | 0.310B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0 B | 7.23 | 2.96 | 1.88 | 1.44 | 0.450B | 0.744B | 0.300B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0 B | 8.37 | 2.94 | 1.78 | 1.40 | 0.383B | 0.730B | 0.293B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0 B | 12.1 | 2.94 | 1.77 | 1.39 | 0.418B | 0.714B | 0.283B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0 B | 14.6 | 2.80 | 1.78 | 1.32 | 0.456B | 0.696B | 0.277B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0 B | 21.4 | 2.78 | 1.77 | 1.28 | 0.496B | 0.678B | 0.270B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0.005B | 17.6 | 2.65 | 1.72 | 1.36 | 0.536B | 0.662B | 0.263B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0.010B | 14.5 | 2.57 | 1.66 | 1.36 | 0.572B | 0.646B | 0.257B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0.090B | 12.4 | 2.58 | 1.62 | 1.35 | 0.606B | 0.628B | 0.250B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0.225B | 10.9 | 2.52 | 1.60 | 1.32 | 0.642B | 0.608B | 0.244B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0.335B | 9.66 | 2.47 | 1.56 | 1.34 | 0.675B | 0.590B | 0.239B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0.530B | 8.62 | 2.30 | 1.60 | 1.34 | 0.712B | 0.570B | 0.233B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0.890B | 7.86 | 2.23 | 1.60 | 1.32 | 0.740B | 0.554B | 0.228B | 25 |
| 26 | 0B | 0B | 0B | 0B | 1.05 B | 7.26 | 2.26 | 1.62 | 1.31 | 0.766B | 0.536B | 0.223B | 26 |
| 27 | 0B | 0B | 0B | 0B | 2.39 B | 6.92 | 2.20 | 1.61 | 1.32 | 0.790B | 0.520B | 0.218B | 27 |
| 28 | 0B | 0B | 0B | 0B | 4.00 B | 6.72 | 2.16 | 1.58 | 1.33 | 0.812B | 0.504B | 0.214B | 28 |
| 29 | 0B | | 0B | 0B | 8.45 B | 6.26 | 2.15 | 1.55 | 1.31 | 0.830B | 0.490B | 0.210B | 29 |
| 30 | 0B | | 0B | 0B | 30.7 B | 5.79 | 2.18 | 1.54 | 1.37 | 0.844B | 0.475B | 0.205B | 30 |
| 31 | 0B | | 0B | | 53.0 B | | 2.15 | 1.54 | | 0.858B | | 0.200B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 101.675 | 457.76 | 98.36 | 55.61 | 42.25 | 27.128 | 21.099 | 9.251 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 3.28 | 15.3 | 3.17 | 1.79 | 1.41 | 0.875 | 0.703 | 0.298 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 53.0 | 51.1 | 5.52 | 2.10 | 1.52 | 1.37 | 0.871 | 0.455 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 5.79 | 2.15 | 1.54 | 1.28 | 0.383 | 0.475 | 0.200 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.23
MAXIMUM DAILY, 53.0B ON MAY 31
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 04 15 N
LONG 133 28 30 W
DRAINAGE AREA, 663 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 8 500 |
| FEB | 0 | AUG | 4 800 |
| MAR | 0 | SEP | 3 650 |
| APR | 0 | OCT | 2 340 |
| MAY | 8 780 | NOV | 1 820 |
| JUN | 39 600 | DEC | 799 |

TOTAL DISCHARGE, 70 300 dam³

CARNWATH RIVER BELOW ANDREW RIVER - STATION NO. 10HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | 176 | 39.6 | 14.0 | 10.3 | 4.90B | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 199 | 38.1 | 13.6 | 9.95 | 4.80B | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 199 | 36.9 | 13.5 | 9.87 | 4.70B | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 194 | 35.7 | 13.5 | 8.80B | 4.60B | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 171 | 33.7 | 13.6 | 8.10B | 4.50B | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 158 | 31.8 | 13.5 | 8.20B | 4.40B | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 142 | 31.1 | 13.0 | 8.30B | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 131 | 30.0 | 13.0 | 8.35B | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 120 | 28.6 | 13.0 | 8.10B | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 112 | 27.6 | 12.9 | 7.80B | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 105 | 26.6 | 12.6 | 7.50B | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 97.7 | 25.6 | 12.6 | 7.20B | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 91.8 | 24.3 | 12.6 | 7.00B | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 86.8 | 23.4 | 12.7 | 7.80B | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 81.6 | 22.6 | 12.5 | 6.60B | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 77.1 | 21.6 | 12.2 | 6.50B | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 73.0 | 20.8 | 12.8 | 6.40B | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 69.4 | 21.0 | 11.7 | 6.30B | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 65.9 | 20.4 | 11.8 | 6.20B | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 63.2 | 19.9 | 11.7 | 6.10B | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 60.6 | 19.2 | 11.8 | 6.00B | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 353 | 57.5 | 18.9 | 11.7 | 5.90B | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 321 | 54.6 | 18.2 | 11.6 | 5.80B | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 299 | 52.1 | 17.7 | 11.7 | 5.70B | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 275 | 49.8 | 17.7 | 11.7 | 5.60B | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 251 | 48.0 | 16.9 | 11.7 | 5.50B | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 229 | 46.5 | 16.5 | 11.7 | 5.40B | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 210 | 45.5 | 16.0 | 10.5 | 5.30B | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | 194 | 44.3 | 15.2 | 10.5 | 5.20B | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | 179 | 42.8 | 14.7 | 10.5 | 5.10B | --- | --- | 30 |
| 31 | --- | | --- | | --- | | 41.3 | 14.7 | | 5.00B | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | 2 946.5 | 745.0 | 370.2 | 215.87 | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | 95.0 | 24.0 | 12.3 | 6.96 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | 199 | 39.6 | 14.0 | 10.3 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | 41.3 | 14.7 | 10.5 | 5.00 | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 23 40 N
LONG 128 57 00 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 255 000 |
| FEB | --- | AUG | 64 400 |
| MAR | --- | SEP | 32 000 |
| APR | --- | OCT | 18 700 |
| MAY | --- | NOV | --- |
| JUN | --- | DEC | --- |

## COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58.0 | 42.7 | 34.1 | 28.8 | 29.1 | 57.1 | 184 | 209 | 175 | 135 | 101 | 76.3 | 1 |
| 2 | 57.5 | 42.1 | 34.0 | 28.8 | 29.1 | 61.0 | 189 | 208 | 173 | 133 | 99.5 | 75.3 | 2 |
| 3 | 57.2 | 41.7 | 33.6 | 28.8 | 29.0 | 65.0 | 193 | 207 | 171 | 129 | 99.1 | 74.7 | 3 |
| 4 | 56.7 | 41.4 | 33.2 | 28.8 | 28.8 | 69.2 | 197 | 205 | 169 | 127 | 98.6 | 75.1 | 4 |
| 5 | 56.1 | 41.3 | 33.0 | 28.8 | 28.7 | 73.5 | 200 | 205 | 167 | 126 | 99.9 | 74.5 | 5 |
| 6 | 55.7 | 41.0 | 32.8 | 28.8 | 28.7 | 77.4 | 204 | 204 | 167 | 125 | 99.0 | 72.8 | 6 |
| 7 | 54.9 | 40.4 | 32.6 | 28.8 | 28.8 | 80.8 | 207 | 202 | 165 | 126 | 96.7 | 71.6 | 7 |
| 8 | 54.6 | 39.7 | 32.4 | 28.8 | 28.8 | 84.7 | 208 | 199 | 163 | 124 | 95.6 | 71.1 | 8 |
| 9 | 53.6 | 39.8 | 32.2 | 28.6 | 28.9 | 87.4 | 210 | 199 | 161 | 123 | 95.0 | 70.3 | 9 |
| 10 | 53.5 | 39.2 | 31.8 | 28.6 | 28.8 | 90.9 | 211 | 200 | 159 | 122 | 94.0 | 69.6 | 10 |
| 11 | 53.2 | 38.7 | 31.7 | 28.6 | 28.7 | 95.0 | 212 | 198 | 157 | 122 | 93.1 | 69.1 | 11 |
| 12 | 52.6 | 38.4 | 31.6 | 28.5 | 28.7 | 98.5 | 213 | 201 | 156 | 120 | 92.2 | 68.1 | 12 |
| 13 | 51.9 | 38.2 | 31.3 | 28.4 | 28.6 | 104 | 214 | 205 | 152 | 120 | 91.4 | 67.6 | 13 |
| 14 | 51.4 | 38.1 | 31.1 | 28.4 | 28.7 | 109 | 214 | 202 | 149 | 119 | 90.4 | 67.1 | 14 |
| 15 | 50.6 | 37.8 | 31.0 | 28.4 | 28.7 | 113 | 213 | 199 | 147 | 116 | 90.3 | 67.1 | 15 |
| 16 | 50.3 | 37.8 | 30.8 | 28.5 | 28.7 | 117 | 213 | 198 | 148 | 114 | 89.0 | 67.1 | 16 |
| 17 | 49.8 | 37.6 | 30.6 | 28.5 | 28.6 | 123 | 213 | 196 | 145 | 113 | 88.3 | 66.5 | 17 |
| 18 | 49.5 | 37.1 | 30.5 | 28.5 | 28.6 | 127 | 215 | 195 | 141 | 112 | 87.7 | 66.0 | 18 |
| 19 | 49.1 | 36.8 | 30.3 | 28.5 | 28.6 | 130 | 215 | 194 | 140 | 111 | 86.5 | 65.2 | 19 |
| 20 | 48.3 | 36.4 | 30.1 | 28.5 | 28.7 | 135 | 214 | 193 | 139 | 111 | 85.7 | 63.9 | 20 |
| 21 | 47.8 | 35.9 | 29.9 | 28.4 | 28.9 | 141 | 214 | 191 | 139 | 109 | 85.0 | 62.7 | 21 |
| 22 | 47.4 | 35.6 | 29.8 | 28.2 | 29.4 | 146 | 214 | 188 | 138 | 109 | 83.4 | 62.3 | 22 |
| 23 | 46.8 | 35.4 | 29.6 | 28.2 | 30.3 | 150 | 213 | 185 | 135 | 109 | 83.0 | 62.0 | 23 |
| 24 | 46.3 | 35.1 | 29.5 | 28.1 | 31.4 | 155 | 214 | 182 | 136 | 109 | 81.8 | 61.0 | 24 |
| 25 | 46.1 | 34.8 | 29.3 | 28.0 | 32.9 | 157 | 214 | 179 | 136 | 109 | 80.8 | 60.6 | 25 |
| 26 | 45.6 | 34.5 | 29.3 | 28.1 | 35.0 | 161 | 213 | 175 | 136 | 107 | 79.6 | 60.6 | 26 |
| 27 | 45.2 | 34.3 | 29.3 | 28.2 | 37.4 | 164 | 217 | 174 | 134 | 108 | 78.8 | 60.2 | 27 |
| 28 | 44.5 | 34.3 | 29.1 | 28.1 | 40.1 | 168 | 219 | 174 | 133 | 105 | 78.3 | 59.5 | 28 |
| 29 | 43.9 | | 29.0 | 28.4 | 44.1 | 173 | 215 | 174 | 133 | 106 | 78.0 | 59.0 | 29 |
| 30 | 43.6 | | 29.0 | 28.7 | 48.9 | 180 | 213 | 177 | 130 | 104 | 78.1 | 58.2 | 30 |
| 31 | 43.2 | | 28.9 | | 53.0 | | 211 | 176 | | 102 | | 57.1 | 31 |
| TOTAL | 1 564.9 | 1 066.1 | 961.4 | 854.8 | 986.7 | 3 493.5 | 6 496 | 5 994 | 4 490 | 3 605 | 2 679.8 | 2 062.2 | TOTAL |
| MEAN | 50.5 | 38.1 | 31.0 | 28.5 | 31.8 | 116 | 210 | 193 | 150 | 116 | 89.3 | 66.5 | MEAN |
| MAX | 58.0 | 42.7 | 34.1 | 28.8 | 53.0 | 180 | 219 | 209 | 175 | 135 | 101 | 76.3 | MAX |
| MIN | 43.2 | 34.3 | 28.9 | 28.0 | 28.6 | 57.1 | 184 | 174 | 130 | 102 | 78.0 | 57.1 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 93.8
MAXIMUM DAILY, 219 ON JUL 28
MINIMUM DAILY, 28.0 ON APR 25
MAXIMUM INSTANTANEOUS,
229 AT 01:30 MST ON JUL 28

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 25 00 N
LONG 114 00 30 W
DRAINAGE AREA, 20 300 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 135 000 | JUL | 561 000 |
| FEB | 92 100 | AUG | 518 000 |
| MAR | 83 100 | SEP | 388 000 |
| APR | 73 900 | OCT | 311 000 |
| MAY | 85 300 | NOV | 232 000 |
| JUN | 302 000 | DEC | 178 000 |

TOTAL DISCHARGE, 2 960 000 dam³

## DUBAWNT LAKE NEAR SNOW ISLAND - STATION NO. 06KC004

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 231.278 | 231.225 | 231.175 | 231.093 | 231.071 | 231.091 | 231.377 | 231.490 | 231.522 | 231.493 | 231.432 | 231.390 | 1 |
| 2 | 231.282 | 231.223 | 231.178 | 231.095 | 231.067 | 231.101 | 231.382 | 231.496 | 231.523 | 231.481 | 231.431 | 231.392 | 2 |
| 3 | 231.284 | 231.223 | 231.170 | 231.092 | 231.067 | 231.113 | 231.387 | 231.497 | 231.516 | 231.480 | 231.425 | 231.394 | 3 |
| 4 | 231.286 | 231.223 | 231.160 | 231.090 | 231.063 | 231.121 | 231.391 | 231.504 | 231.524 | 231.483 | 231.426 | 231.386 | 4 |
| 5 | 231.283 | 231.221 | 231.159 | 231.093 | 231.058 | 231.131 | 231.401 | 231.502 | 231.522 | 231.478 | 231.427 | 231.385 | 5 |
| 6 | 231.284 | 231.215 | 231.159 | 231.089 | 231.061 | 231.148 | 231.397 | 231.500 | 231.520 | 231.476 | 231.424 | 231.381 | 6 |
| 7 | 231.287 | 231.209 | 231.155 | 231.089 | 231.059 | 231.155 | 231.407 | 231.496 | 231.520 | 231.476 | 231.428 | 231.381 | 7 |
| 8 | 231.280 | 231.203 | 231.151 | 231.086 | 231.054 | 231.160 | 231.417 | 231.494 | 231.522 | 231.476 | 231.421 | 231.385 | 8 |
| 9 | 231.283 | 231.201 | 231.155 | 231.082 | 231.054 | 231.161 | 231.429 | 231.502 | 231.525 | 231.472 | 231.423 | 231.390 | 9 |
| 10 | 231.277 | 231.199 | 231.155 | 231.085 | 231.044 | 231.165 | 231.426 | 231.498 | 231.523 | 231.468 | 231.429 | 231.388 | 10 |
| 11 | 231.272 | 231.197 | 231.147 | 231.087 | 231.036 | 231.189 | 231.425 | 231.498 | 231.525 | 231.470 | 231.430 | 231.380 | 11 |
| 12 | 231.269 | 231.197 | 231.146 | 231.086 | 231.036 | 231.199 | 231.421 | 231.502 | 231.520 | 231.464 | 231.424 | 231.375 | 12 |
| 13 | 231.261 | 231.197 | 231.145 | 231.083 | 231.036 | 231.202 | 231.423 | 231.502 | 231.513 | 231.465 | 231.422 | 231.376 | 13 |
| 14 | 231.256 | 231.198 | 231.141 | 231.076 | 231.027 | 231.200 | 231.427 | 231.502 | 231.512 | 231.461 | 231.418 | 231.378 | 14 |
| 15 | 231.257 | 231.194 | 231.135 | 231.074 | 231.030 | 231.201 | 231.417 | 231.501 | 231.510 | 231.457 | 231.417 | 231.375 | 15 |
| 16 | 231.258 | 231.197 | 231.131 | 231.072 | 231.036 | 231.204 | 231.419 | 231.506 | 231.510 | 231.457 | 231.415 | 231.372 | 16 |
| 17 | 231.255 | 231.200 | 231.134 | 231.072 | 231.036 | 231.212 | 231.432 | 231.505 | 231.505 | 231.463 | 231.412 | 231.366 | 17 |
| 18 | 231.256 | 231.194 | 231.139 | 231.068 | 231.041 | 231.225 | 231.454 | 231.514 | 231.499 | 231.460 | 231.411 | 231.363 | 18 |
| 19 | 231.256 | 231.197 | 231.132 | 231.072 | 231.044 | 231.221 | 231.461 | 231.519 | 231.503 | 231.455 | 231.410 | 231.362 | 19 |
| 20 | 231.258 | 231.199 | 231.127 | 231.080 | 231.038 | 231.226 | 231.436 | 231.520 | 231.506 | 231.453 | 231.413 | 231.363 | 20 |
| 21 | 231.254 | 231.183 | 231.122 | 231.079 | 231.043 | 231.228 | 231.440 | 231.521 | 231.503 | 231.454 | 231.409 | 231.362 | 21 |
| 22 | 231.256 | 231.178 | 231.121 | 231.073 | 231.040 | 231.243 | 231.471 | 231.517 | 231.500 | 231.452 | 231.406 | 231.359 | 22 |
| 23 | 231.255 | 231.179 | 231.120 | 231.069 | 231.034 | 231.252 | 231.480 | 231.508 | 231.500 | 231.450 | 231.403 | 231.366 | 23 |
| 24 | 231.254 | 231.180 | 231.109 | 231.061 | 231.033 | 231.262 | 231.473 | 231.505 | 231.498 | 231.447 | 231.404 | 231.361 | 24 |
| 25 | 231.251 | 231.180 | 231.101 | 231.061 | 231.038 | 231.261 | 231.478 | 231.504 | 231.491 | 231.445 | 231.407 | 231.355 | 25 |
| 26 | 231.242 | 231.179 | 231.102 | 231.063 | 231.042 | 231.294 | 231.476 | 231.510 | 231.495 | 231.448 | 231.404 | 231.355 | 26 |
| 27 | 231.236 | 231.177 | 231.107 | 231.059 | 231.054 | 231.335 | 231.475 | 231.509 | 231.494 | 231.443 | 231.397 | 231.351 | 27 |
| 28 | 231.235 | 231.177 | 231.105 | 231.055 | 231.062 | 231.346 | 231.475 | 231.514 | 231.489 | 231.439 | 231.400 | 231.347 | 28 |
| 29 | 231.234 | | 231.102 | 231.053 | 231.069 | 231.343 | 231.480 | 231.511 | 231.491 | 231.441 | 231.398 | 231.346 | 29 |
| 30 | 231.230 | | 231.096 | 231.065 | 231.075 | 231.363 | 231.484 | 231.515 | 231.496 | 231.435 | 231.394 | 231.342 | 30 |
| 31 | 231.227 | | 231.093 | | 231.077 | | 231.487 | 231.521 | | 231.431 | | 231.340 | 31 |
| MEAN | 231.261 | 231.198 | 231.135 | 231.077 | 231.049 | 231.212 | 231.437 | 231.506 | 231.509 | 231.460 | 231.415 | 231.370 | MEAN |
| MAX | 231.287 | 231.225 | 231.178 | 231.095 | 231.077 | 231.363 | 231.487 | 231.521 | 231.525 | 231.493 | 231.432 | 231.394 | MAX |
| MIN | 231.227 | 231.177 | 231.093 | 231.053 | 231.027 | 231.091 | 231.377 | 231.490 | 231.489 | 231.431 | 231.394 | 231.340 | MIN |

WATER LEVELS IN METRES

MEAN, 231.303
MAXIMUM DAILY, 231.525 ON SEP 9
MINIMUM DAILY, 231.027 ON MAY 14
MAXIMUM INSTANTANEOUS,
231.538 AT 01:08 CST ON AUG 21

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 13 30 N
LONG 101 45 30 W

NATURAL FLOW

## DUBAWNT RIVER BELOW MARJORIE LAKE - STATION NO. 06KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 300B | 277B | 258B | 237B | 219B | 199B | 531 | 423 | 391 | 368 | 349B | 315B | 1 |
| 2 | 299B | 276B | 257B | 236B | 219B | 200B | 533 | 424 | 387 | 369 | 348B | 314B | 2 |
| 3 | 299B | 275B | 256B | 236B | 218B | 201B | 535 | 424 | 385 | 367 | 347B | 313B | 3 |
| 4 | 298B | 275B | 255B | 235B | 218B | 202B | 536 | 424 | 377 | 365 | 345B | 312B | 4 |
| 5 | 297B | 274B | 255B | 234B | 217B | 204B | 535 | 423 | 379 | 365 | 344B | 311B | 5 |
| 6 | 296B | 274B | 254B | 233B | 216B | 208B | 537 | 418 | 381 | 363 | 343B | 310B | 6 |
| 7 | 295B | 273B | 253B | 233B | 216B | 226B | 537 | 407 | 383 | 365 | 341B | 309B | 7 |
| 8 | 294B | 273B | 252B | 232B | 215B | 244B | 536 | 409 | 383 | 364 | 340B | 308B | 8 |
| 9 | 293B | 272B | 251B | 232B | 214B | 264B | 540 | 409 | 383 | 364 | 338B | 307B | 9 |
| 10 | 292B | 272B | 251B | 231B | 213B | 280B | 537 | 410 | 383 | 365 | 337B | 306B | 10 |
| 11 | 291B | 271B | 250B | 230B | 212B | 296B | 535 | 411 | 391 | 368 | 336B | 305B | 11 |
| 12 | 290B | 270B | 250B | 230B | 212B | 314B | 532 | 410 | 381 | 369 | 335B | 305B | 12 |
| 13 | 290B | 270B | 249B | 229B | 211B | 332B | 532 | 413 | 369 | 369 | 334B | 304B | 13 |
| 14 | 289B | 269B | 248B | 229B | 211B | 350B | 528 | 407 | 369 | 369 | 333B | 303B | 14 |
| 15 | 288B | 269B | 248B | 228B | 210B | 368B | 512 | 400 | 368 | 368 | 332B | 302B | 15 |
| 16 | 287B | 268B | 247B | 227B | 210B | 386B | 513 | 394 | 367 | 366B | 330B | 301B | 16 |
| 17 | 287B | 268B | 247B | 227B | 209B | 405B | 513 | 390 | 365 | 364B | 329B | 300B | 17 |
| 18 | 286B | 267B | 246B | 226B | 208B | 424B | 510 | 389 | 369 | 362B | 328B | 299B | 18 |
| 19 | 285B | 266B | 245B | 226B | 207B | 437 | 491 | 388 | 366 | 361B | 327B | 298B | 19 |
| 20 | 285B | 266B | 245B | 225B | 206B | 453 | 453 | 387 | 366 | 360B | 326B | 297B | 20 |
| 21 | 284B | 265B | 244B | 224B | 205B | 468 | 452 | 386 | 367 | 359B | 325B | 296B | 21 |
| 22 | 283B | 264B | 244B | 224B | 204B | 473 | 454 | 383 | 368 | 358B | 325B | 295B | 22 |
| 23 | 282B | 263B | 243B | 223B | 203B | 478 | 450 | 382 | 368 | 357B | 324B | 294B | 23 |
| 24 | 282B | 262B | 242B | 223B | 203B | 486 | 451 | 359 | 368 | 356B | 323B | 293B | 24 |
| 25 | 281B | 261B | 242B | 222B | 202B | 496 | 457 | 385 | 369 | 355B | 322B | 292B | 25 |
| 26 | 280B | 260B | 241B | 222B | 202B | 502 | 452 | 388 | 371 | 354B | 321B | 291B | 26 |
| 27 | 280B | 259B | 240B | 221B | 201B | 508 | 453 | 388 | 369 | 353B | 320B | 290B | 27 |
| 28 | 279B | 259B | 240B | 221B | 201B | 518 | 411 | 390 | 369 | 352B | 319B | 290B | 28 |
| 29 | 279B | | 239B | 220B | 200B | 528 | 414 | 394 | 369 | 351B | 317B | 289B | 29 |
| 30 | 278B | | 238B | 220B | 199B | 527 | 424 | 393 | 370 | 350B | 316B | 288B | 30 |
| 31 | 278B | | 238B | | 199B | | 424 | 393 | | 349B | | 287B | 31 |
| TOTAL | 8 927 | 7 518 | 7 668 | 6 836 | 6 480 | 10 977 | 15 318 | 12 357 | 11 231 | 11 285 | 9 954 | 9 324 | TOTAL |
| MEAN | 288 | 269 | 247 | 228 | 209 | 366 | 494 | 399 | 374 | 361 | 332 | 301 | MEAN |
| MAX | 300 | 277 | 258 | 237 | 219 | 528 | 540 | 424 | 391 | 369 | 349 | 315 | MAX |
| MIN | 278 | 259 | 238 | 220 | 199 | 199 | 411 | 342 | 365 | 349 | 316 | 287 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 323
MAXIMUM DAILY, 540 ON JUL 9
MINIMUM DAILY, 199B ON MAY 30
MAXIMUM INSTANTANEOUS,
542 AT 17:00 CST ON JUL 9

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 16 01 N
LONG 99 35 47 W
DRAINAGE AREA, 67 900 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 771 000 | JUL | 1 320 000 |
| FEB | 650 000 | AUG | 1 070 000 |
| MAR | 663 000 | SEP | 970 000 |
| APR | 591 000 | OCT | 968 000 |
| MAY | 560 000 | NOV | 860 000 |
| JUN | 948 000 | DEC | 806 000 |

TOTAL DISCHARGE, 10 200 000 dam³

## DUVAL RIVER NEAR PANGNIRTUNG - STATION NO. 10TE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 0 B | 9.81 | 17.5 | 0.986 | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 0 B | 6.51 | 14.6 | 0.921 | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 0 B | 5.93 | 10.3 | 0.891 | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 0 B | 6.29 | 7.75 | 0.826 | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 0 B | 6.23 | 6.18 | 0.753 | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 0 B | 6.36 | 5.12 | 0.711 | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 0 B | 6.89 | 5.13 | 0.702 | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 0 B | 6.87 | 4.61 | 0.716 | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 0 B | 6.77 | 3.19 | 0.662 | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 0 B | 8.14 | 5.14 | 0.470 | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 0 B | 9.80 | 16.4 | 0.483 | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 0 B | 6.33 | 9.62 | 0.498 | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 0 B | 5.66 | 5.81 | 0.306 | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 0.020B | 6.55 | 4.44 | 0.301 | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 0.050B | 6.46 | 3.51 | 0.362 | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 0.300B | 6.72 | 2.90 | 0.375A | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 0.900B | 6.23 | 2.51 | 0.385E | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 2.50 B | 5.36 | 2.59 | 0.395E | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 4.00 B | 4.17 | 2.19 | 0.405E | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 9.70 B | 3.53 | 1.97 | 0.370B | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 20.0 B | 3.94 | 1.91 | 0.340B | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 18.0 E | 5.18 | 1.92 | 0.310B | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 16.5 E | 6.45 | 2.11 | 0.290B | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 15.0 A | 4.44 | 2.01 | 0.270B | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 13.9 | 4.26 | 1.88 | 0.250B | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 13.2 | 3.40 | 1.79 | 0.240B | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 13.3 | 4.34 | 1.70 | 0.228B | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 14.0 | 3.53 | 1.59 | 0.215B | --- | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | 13.0 | 2.68 | 1.39 | 0.205B | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | 13.0 | 5.56 | 1.22 | 0.195B | --- | --- | --- | 30 |
| 31 | --- | | --- | | --- | | 21.2 | 1.12 | | --- | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | 167.370 | 195.51 | 150.01 | 10.061 | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | 5.58 | 6.31 | 4.84 | 0.469 | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | 20.0 | 21.2 | 17.5 | 0.986 | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 0 | 2.68 | 1.12 | 0.195 | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.32
MAXIMUM DAILY, 21.2 ON JUL 31
MINIMUM DAILY, 0B ON JUN 1
MAXIMUM INSTANTANEOUS,
39.7 AT 21:17 EST ON JUL 31

SUMMARY FOR THE MONTHS JUN TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 08 55 N
LONG 65 41 19 W
DRAINAGE AREA, 65.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 16 900 |
| FEB | --- | AUG | 13 000 |
| MAR | --- | SEP | 1 210 |
| APR | --- | OCT | --- |
| MAY | --- | NOV | --- |
| JUN | 14 500 | DEC | --- |

TOTAL DISCHARGE, 45 600 dam³

## NORTHWEST TERRITORIES

### ELLICE RIVER NEAR THE MOUTH - STATION NO. 10QD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 0.400B | 649E | 105 | 354 | 120 B | 19.0 B | 6.00 B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 0.500B | 640E | 98.9 | 374 | 108 B | 19.0 B | 5.00 B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 0.600B | 625E | 87.9 | 387 | 88.0B | 18.0 B | 5.00 B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 0.700B | 600E | 79.6 | 382 | 77.0B | 17.0 B | 5.00 B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 0.800B | 540E | 73.1 | 366 | 66.6B | 16.0 B | 4.00 B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 1.00 B | 490E | 67.8 | 346 | 62.5B | 16.0 B | 4.00 B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 1.60 B | 450E | 63.4 | 323 | 65.0B | 15.0 B | 3.00 B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 2.00 B | 412A | 61.5 | 303 | 75.0B | 15.0 B | 2.00 B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 2.50 B | 390 | 59.0 | 291 | 70.0B | 15.0 B | 1.00 B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 3.40 B | 353 | 57.5 | 282 | 65.0B | 15.0 B | 1.00 B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 4.10 B | 320 | 55.8 | 272 | 60.0B | 14.0 B | 0.500B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 6.00 B | 291 | 53.6 | 258 | 55.0B | 14.0 B | 0.500B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 10.0 B | 271 | 55.0 | 240 | 50.0B | 14.0 B | 0.400B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0 B | 16.0 B | 248 | 119 | 230 | 45.0B | 14.0 B | 0.400B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0 B | 28.0 B | 230 | 181 | 219 | 40.0B | 13.0 B | 0.300B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0 B | 39.0 B | 217 | 169 | 211 | 35.0B | 12.0 B | 0.200B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0 B | 50.0 B | 200 | 165 | 204 | 32.0B | 12.0 B | 0.200B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0 B | 100 B | 189 | 168 | 195 | 30.0B | 11.0 B | 0.100B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0 B | 165 B | 178 | 171 | 198 | 29.0B | 11.0 B | 0.100B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0 B | 250 B | 166 | 169 | 201 | 27.0B | 10.0 B | 0 B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0 B | 370 B | 154 | 167 | 199 | 26.0B | 10.0 B | 0 B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0 B | 440 B | 152 | 163 | 195 | 25.0B | 10.0 B | 0 B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0 B | 525 B | 152 | 163 | 184 | 25.0B | 10.0 B | 0 B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0 B | 600 B | 147 | 155 | 173 | 24.0B | 10.0 B | 0 B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0 B | 638 B | 141 | 171 | 169 | 24.0B | 9.00B | 0 B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0 B | 659 B | 129 | 192 | 157 | 23.0B | 9.00B | 0 B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0 B | 660 B | 121 | 203 | 142 | 21.0B | 8.00B | 0 B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0.200B | 660 E | 116 | 245 | 136 | 20.0B | 7.00B | 0 B | 28 |
| 29 | 0B | | 0B | 0B | 0.200B | 660 E | 106 | 290 | 127 | 19.0B | 6.00B | 0 B | 29 |
| 30 | 0B | | 0B | 0B | 0.300B | 660 E | 111 | 322 | 130B | 18.0B | 6.00B | 0 B | 30 |
| 31 | 0B | | 0B | | 0.300B | | 110 | 340 | | 18.0B | | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 1.000 | 6 553.600 | 8 897 | 4 471.1 | 7 248 | 1 443.1 | 375.00 | 38.700 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0.032 | 218 | 287 | 144 | 242 | 46.6 | 12.5 | 1.25 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0.300 | 660 | 649 | 340 | 387 | 120 | 19.0 | 6.00 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0.400 | 106 | 53.6 | 127 | 18.0 | 6.00 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79.5
MAXIMUM DAILY, 660B ON JUN 27
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 42 30 N
LONG 104 08 30 W
DRAINAGE AREA, 17 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 769 000 |
| FEB | 0 | AUG | 386 000 |
| MAR | 0 | SEP | 626 000 |
| APR | 0 | OCT | 125 000 |
| MAY | 86.4 | NOV | 32 400 |
| JUN | 566 000 | DEC | 3 340 |

TOTAL DISCHARGE, 2 510 000 dam³

### EMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.2 E | 9.80E | 9.39E | 8.60E | 8.10 | 8.61 | 9.05E | 10.7E | 11.9E | 11.8 | 11.3 | 11.4 | 1 |
| 2 | 10.2 E | 9.80E | 9.35E | 8.60E | 8.07 | 8.64 | 9.10E | 10.7E | 11.9E | 11.8 | 11.2 | 11.3 | 2 |
| 3 | 10.2 E | 9.80E | 9.30E | 8.55E | 8.00 | 8.61 | 9.20E | 10.8E | 11.9E | 11.7 | 11.2 | 11.6 | 3 |
| 4 | 10.2 E | 9.75E | 9.25E | 8.55E | 7.96 | 8.58 | 9.20E | 10.9E | 12.0E | 11.7 | 11.1 | 11.6 | 4 |
| 5 | 10.2 E | 9.75E | 9.22E | 8.45E | 7.95 | 8.61 | 9.20E | 10.9E | 12.0E | 11.6 | 11.0 | 11.4 | 5 |
| 6 | 10.1 E | 9.75E | 9.20E | 8.40E | 7.92 | 8.68 | 9.22A | 11.0E | 12.0E | 11.7 | 11.1 | 11.1 | 6 |
| 7 | 10.1 E | 9.75E | 9.20E | 8.40E | 7.89 | 8.63 | 9.24 | 11.0E | 12.0E | 11.6 | 11.0 | 11.2 | 7 |
| 8 | 10.1 E | 9.70E | 9.20E | 8.40E | 7.87 | 8.67 | 9.39 | 11.0E | 12.2E | 11.6 | 10.9 | 11.4 | 8 |
| 9 | 10.1 E | 9.70E | 9.20E | 8.40E | 7.86 | 8.68 | 9.62 | 11.0E | 12.5E | 11.6 | 10.9 | 11.3 | 9 |
| 10 | 10.0 E | 9.65E | 9.15E | 8.40E | 7.86 | 8.72 | 9.87 | 11.0E | 12.3E | 11.6 | 10.9 | 11.6 | 10 |
| 11 | 10.0 E | 9.60E | 9.10E | 8.40E | 7.88 | 8.74 | 9.87 | 11.0E | 12.2E | 11.6 | 11.0 | 11.6 | 11 |
| 12 | 10.0 E | 9.60E | 9.10E | 8.38E | 7.87 | 8.79 | 9.86 | 11.0E | 12.0E | 11.5 | 11.0 | 11.6 | 12 |
| 13 | 10.0 E | 9.60E | 9.05E | 8.35E | 7.87 | 8.73 | 9.86 | 11.1E | 11.9E | 11.5 | 11.1 | 11.5 | 13 |
| 14 | 10.0 E | 9.60E | 9.00E | 8.32E | 7.84 | 8.75 | 9.89 | 11.2E | 11.9E | 11.5 | 11.2 | 11.5 | 14 |
| 15 | 10.0 E | 9.60E | 9.00E | 8.29A | 7.84 | 8.79 | 10.1 | 11.3E | 11.8E | 11.5 | 11.1 | 11.4 | 15 |
| 16 | 10.0 E | 9.60E | 9.00E | 8.38 | 7.82 | 8.78 | 10.2 E | 11.3A | 11.8E | 11.5 | 11.1 | 11.4 | 16 |
| 17 | 10.0 E | 9.60E | 9.00E | 8.36 | 7.88 | 8.65 | 10.3 E | 11.6 | 11.8E | 11.5 | 11.0 | 11.5 | 17 |
| 18 | 10.0 E | 9.55E | 8.99E | 8.33 | 7.91 | 8.83 | 10.4 E | 11.7 | 11.8E | 11.3 | 10.9 | 11.4 | 18 |
| 19 | 10.0 E | 9.55E | 8.95E | 8.32 | 7.99 | 8.80 | 10.4 E | 11.9 | 11.8E | 11.6 | 10.9 | 11.5 | 19 |
| 20 | 10.0 E | 9.55E | 8.95E | 8.37 | 8.10 | 8.83 | 10.5 E | 12.0 | 11.7A | 11.3 | 10.9 | 11.4 | 20 |
| 21 | 10.0 E | 9.55E | 8.90E | 8.24 | 8.19 | 8.80E | 10.5 E | 12.3 | 11.7 | 11.4 | 11.0 | 11.3 | 21 |
| 22 | 9.99E | 9.50E | 8.85E | 8.25 | 8.26 | 8.85E | 10.5 E | 12.8E | 11.7 | 11.5 | 11.0 | 11.4 | 22 |
| 23 | 9.98E | 9.49E | 8.81E | 8.23 | 8.32 | 8.90E | 10.5 E | 12.6E | 11.6 | 11.8 | 11.0 | 11.3 | 23 |
| 24 | 9.98E | 9.49E | 8.80E | 8.25 | 8.41 | 8.92E | 10.5 E | 12.2E | 11.6 | 11.4 | 11.1 | 11.4 | 24 |
| 25 | 9.95E | 9.47A | 8.80E | 8.25 | 8.44 | 8.95E | 10.6 E | 12.1E | 11.7 | 11.2 | 11.4 | 11.4 | 25 |
| 26 | 9.90E | 9.45E | 8.80E | 8.19 | 8.49 | 8.97E | 10.6 E | 12.0E | 11.7 | 11.2 | 11.4 | 11.4 | 26 |
| 27 | 9.85E | 9.41E | 8.80E | 8.19 | 8.57 | 8.98E | 10.6 E | 12.0E | 11.7 | 11.2 | 11.2 | 11.3 | 27 |
| 28 | 9.85E | 9.40E | 8.70E | 8.21 | 8.57 | 8.99E | 10.6 A | 12.0E | 11.7 | 11.4 | 11.1 | 11.3 | 28 |
| 29 | 9.80E | | 8.65E | 8.16 | 8.60 | 9.00E | 10.7 E | 12.0E | 11.7 | 11.3 | 11.3 | 11.3 | 29 |
| 30 | 9.80E | | 8.61E | 8.11 | 8.59 | 9.00E | 10.7 E | 12.0E | 11.8 | 11.4 | 11.4 | 11.2 | 30 |
| 31 | 9.80E | | 8.60E | | 8.60 | | 10.7 E | 12.0E | | 11.4 | | 11.2 | 31 |
| TOTAL | 310.30 | 269.06 | 276.92 | 250.21 | 251.52 | 263.48 | 310.87 | 357.1 | 356.3 | 356.5 | 332.7 | 353.2 | TOTAL |
| MEAN | 10.0 | 9.61 | 9.00 | 8.36 | 8.11 | 8.78 | 10.0 | 11.5 | 11.9 | 11.5 | 11.1 | 11.4 | MEAN |
| MAX | 10.2 | 9.80 | 9.39 | 8.60 | 8.60 | 9.00 | 10.7 | 12.8 | 12.5 | 11.8 | 11.4 | 11.6 | MAX |
| MIN | 9.80 | 9.40 | 8.60 | 8.11 | 7.82 | 8.58 | 9.05 | 10.7 | 11.6 | 11.2 | 10.9 | 11.1 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 12.8E ON AUG 22
MINIMUM DAILY, 7.82 ON MAY 16

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 47 35 N
LONG 116 07 10 W
DRAINAGE AREA, 5 180 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 26 800 | JUL | 26 900 |
| FEB | 23 200 | AUG | 30 900 |
| MAR | 24 100 | SEP | 30 800 |
| APR | 21 600 | OCT | 30 800 |
| MAY | 21 700 | NOV | 28 700 |
| JUN | 22 800 | DEC | 30 500 |

TOTAL DISCHARGE, 319 000 dam³

## EMMADAI LAKE AT EMMADAI - STATION NO. 06LA002

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 311.882 | 311.873 | 311.856 | 311.861 | 311.827 | 312.675 | 312.810 | 312.601E | 312.359 | 312.261 | 312.178 | 312.105 | 1 |
| 2 | 311.882 | 311.872 | 311.853 | 311.862 | 311.827 | 312.519 | 312.807 | 312.597E | 312.367 | 312.267 | 312.177 | 312.097 | 2 |
| 3 | 311.883 | 311.872 | 311.854 | 311.860 | 311.827 | 312.569 | 312.804 | 312.589E | 312.332 | 312.230 | 312.176 | 312.088 | 3 |
| 4 | 311.883 | 311.871 | 311.854 | 311.861 | 311.825 | 312.593 | 312.799 | 312.580E | 312.288 | 312.234 | 312.172 | 312.083 | 4 |
| 5 | 311.884 | 311.871 | 311.855 | 311.862 | 311.827 | 312.614 | 312.789 | 312.572E | 312.301 | 312.249 | 312.170 | 312.081 | 5 |
| 6 | 311.883 | 311.870 | 311.854 | 311.860 | 311.836 | 312.637 | 312.771 | 312.560E | 312.310 | 312.257 | 312.170 | 312.079 | 6 |
| 7 | 311.881 | 311.870 | 311.856 | 311.860 | 311.840 | 312.668 | 312.793 | 312.559E | 312.311 | 312.252 | 312.165 | 312.078 | 7 |
| 8 | 311.881 | 311.870 | 311.857 | 311.859 | 311.840 | 312.688 | 312.790 | 312.551E | 312.305 | 312.252 | 312.156 | 312.079 | 8 |
| 9 | 311.881 | 311.870 | 311.857 | 311.858 | 311.837 | 312.710 | 312.786 | 312.542E | 312.303 | 312.251 | 312.150 | 312.076 | 9 |
| 10 | 311.881 | 311.869 | 311.858 | 311.857 | 311.832 | 312.726 | 312.779 | 312.538E | 312.261 | 312.253 | 312.147 | 312.072 | 10 |
| 11 | 311.882 | 311.869 | 311.860 | 311.853 | 311.828 | 312.742 | 312.776 | 312.533E | 312.263 | 312.251 | 312.141 | 312.071 | 11 |
| 12 | 311.883 | 311.869 | 311.861 | 311.852 | 311.825 | 312.760 | 312.769 | 312.524E | 312.275 | 312.249 | 312.139 | 312.069 | 12 |
| 13 | 311.882 | 311.868 | 311.861 | 311.850 | 311.821 | 312.769 | 312.763 | 312.515E | 312.290 | 312.240 | 312.136 | 312.066 | 13 |
| 14 | 311.881 | 311.867 | 311.862 | 311.846 | 311.815 | 312.781 | 312.755 | 312.506E | 312.318 | 312.212 | 312.133 | 312.066 | 14 |
| 15 | 311.880 | 311.866 | 311.864 | 311.845 | 311.810 | 312.786 | 312.746 | 312.497E | 312.325 | 312.209 | 312.132 | 312.064 | 15 |
| 16 | 311.881 | 311.866 | 311.864 | 311.844 | 311.808 | 312.796 | 312.722 | 312.483E | 312.310 | 312.199 | 312.131 | 312.063 | 16 |
| 17 | 311.881 | 311.865 | 311.866 | 311.843 | 311.806 | 312.803 | 312.706 | 312.474E | 312.314 | 312.198 | 312.126 | 312.062 | 17 |
| 18 | 311.880 | 311.864 | 311.867 | 311.842 | 311.803 | 312.801 | 312.707 | 312.470E | 312.289 | 312.211 | 312.125 | 312.062 | 18 |
| 19 | 311.878 | 311.864A | 311.865 | 311.843 | 311.799 | 312.811 | 312.709 | 312.460E | 312.293 | 312.217 | 312.121 | 312.058 | 19 |
| 20 | 311.877 | 311.869 | 311.866 | 311.844 | 311.797 | 312.808 | 312.689 | 312.452E | 312.296 | 312.206 | 312.116 | 312.051 | 20 |
| 21 | 311.876 | 311.873 | 311.867 | 311.844 | 311.799 | 312.804 | 312.680A | 312.442E | 312.280 | 312.202 | 312.116 | 312.048 | 21 |
| 22 | 311.874 | 311.875 | 311.867 | 311.843 | 311.823 | 312.807 | 312.671E | 312.432E | 312.283 | 312.197 | 312.116 | 312.045 | 22 |
| 23 | 311.873 | 311.875 | 311.865 | 311.843 | 311.883 | 312.824 | 312.664E | 312.429E | 312.282 | 312.206 | 312.114 | 312.045 | 23 |
| 24 | 311.873 | 311.873 | 311.865 | 311.843 | 311.967 | 312.821 | 312.656E | 312.420E | 312.279 | 312.205 | 312.112 | 312.046 | 24 |
| 25 | 311.873 | 311.872 | 311.864 | 311.842 | 312.048 | 312.817 | 312.652E | 312.405E | 312.256 | 312.204 | 312.111 | 312.043 | 25 |
| 26 | 311.873 | 311.869 | 311.861 | 311.841 | 312.125 | 312.816 | 312.645E | 312.392E | 312.247 | 312.198 | 312.112 | 312.042 | 26 |
| 27 | 311.872 | 311.861 | 311.861 | 311.836 | 312.199 | 312.813 | 312.637E | 312.387E | 312.256 | 312.196 | 312.109 | 312.040 | 27 |
| 28 | 311.872 | 311.859 | 311.862 | 311.834 | 312.267 | 312.811 | 312.629E | 312.377E | 312.262 | 312.186 | 312.107 | 312.040 | 28 |
| 29 | 311.873 | | 311.861 | 311.824 | 312.330 | 312.807 | 312.625E | 312.367E | 312.257 | 312.177 | 312.108 | 312.038 | 29 |
| 30 | 311.875 | | 311.861 | 311.824 | 312.380 | 312.809 | 312.617E | 312.366A | 312.257 | 312.181 | 312.107 | 312.038 | 30 |
| 31 | 311.875A | | 311.861 | | 312.429 | | 312.610E | 312.366A | | 312.180 | | 312.038 | 31 |
| MEAN | 311.879 | 311.869 | 311.861 | 311.848 | 311.925 | 312.740 | 312.721 | 312.483 | 312.292 | 312.220 | 312.136 | 312.062 | MEAN |
| MAX | 311.884 | 311.875 | 311.867 | 311.862 | 312.429 | 312.824 | 312.810 | 312.601 | 312.359 | 312.261 | 312.178 | 312.105 | MAX |
| MIN | 311.872 | 311.859 | 311.853 | 311.824 | 311.797 | 312.675 | 312.610 | 312.366 | 312.247 | 312.177 | 312.107 | 312.038 | MIN |

### SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 312.171
MAXIMUM DAILY, 312.824 ON JUN 23
MINIMUM DAILY, 311.797 ON MAY 20
MAXIMUM INSTANTANEOUS,
312.827 AT 08:00 CST ON JUN 24

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 00 N
LONG 100 54 00 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

## FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 06NB002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 0B | 0B | 0B | 0B | --- | --- | 107 A | 110 | 15.3 B | 3.90 B | 1 |
| 2 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 104 | 109 | 14.4 B | 3.70 B | 2 |
| 3 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 104 | 99.2 | 13.7 B | 3.50 B | 3 |
| 4 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 105 | 98.9 | 13.1 B | 3.40 B | 4 |
| 5 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 105 | 109 | 12.5 B | 3.30 B | 5 |
| 6 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 106 | 106 | 12.0 B | 3.10 B | 6 |
| 7 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 104 | 105 | 11.5 B | 3.00 B | 7 |
| 8 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 101 | 105 | 11.0 B | 2.80 B | 8 |
| 9 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 103 | 105 | 10.5 B | 2.70 B | 9 |
| 10 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 102 | 106 | 10.0 B | 2.60 B | 10 |
| 11 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 95.7 | 106 | 9.60B | 2.50 B | 11 |
| 12 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 99.7 | 104 | 9.10B | 2.40 B | 12 |
| 13 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 114 | 104 | 8.80B | 2.30 B | 13 |
| 14 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 115 | 105 | 8.40B | 2.20 B | 14 |
| 15 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 109 | 105 | 8.00B | 2.10 B | 15 |
| 16 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 106 | 89.6 | 7.60B | 2.00 B | 16 |
| 17 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 108 | 76.3 | 7.30B | 1.80 B | 17 |
| 18 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 105 | 64.0B | 7.00B | 1.60 B | 18 |
| 19 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 106 | 54.0B | 6.70B | 1.40 B | 19 |
| 20 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 106 | 46.0B | 6.40B | 1.20 B | 20 |
| 21 | --- | --- | 0B | 0B | 0B | --- | 223A | --- | 106 | 38.0B | 6.20B | 1.10 B | 21 |
| 22 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 108 | 33.0B | 5.90B | 1.00 B | 22 |
| 23 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 111 | 29.5B | 5.60B | 0.900B | 23 |
| 24 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 112 | 26.5B | 5.30B | 0.800B | 24 |
| 25 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 109 | 24.5B | 5.10B | 0.700B | 25 |
| 26 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 110 | 22.5B | 4.90B | 0.500B | 26 |
| 27 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 112 | 21.0B | 4.70B | 0.400B | 27 |
| 28 | --- | --- | 0B | 0B | 0B | --- | --- | --- | 108 | 19.0B | 4.50B | 0.300B | 28 |
| 29 | --- | | 0B | 0B | 0B | --- | --- | --- | 111 | 18.2B | 4.30B | 0.200B | 29 |
| 30 | --- | | 0B | 0B | 0B | --- | --- | --- | 111 | 17.1B | 4.10B | 0.100B | 30 |
| 31 | --- | | 0B | | 0B | | --- | --- | | 16.2B | | 0 B | 31 |
| TOTAL | --- | --- | 0 | 0 | 0 | --- | --- | --- | 3 203.4 | 2 173.3 | 253.50 | 57.500 | TOTAL |
| MEAN | --- | --- | 0 | 0 | 0 | --- | --- | --- | 107 | 70.1 | 8.45 | 1.85 | MEAN |
| MAX | --- | --- | 0 | 0 | 0 | --- | --- | --- | 115 | 110 | 15.3 | 3.90 | MAX |
| MIN | --- | --- | 0 | 0 | 0 | --- | --- | --- | 95.7 | 16.2 | 4.10 | 0 | MIN |

### SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 25 N
LONG 95 03 15 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | --- |
| MAR | 0 | SEP | 277 000 |
| APR | 0 | OCT | 188 000 |
| MAY | 0 | NOV | 21 900 |
| JUN | --- | DEC | 4 970 |

## FLAT RIVER AT CANYON CAMP - STATION NO. 10EA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.400B | 0.330B | 0.290B | 0.300B | 0.340B | 4.50E | --- | 6.04 | 2.55 | 2.37 | 0.877B | 0.544B | 1 |
| 2 | 0.400B | 0.330B | 0.290B | 0.300B | 0.350B | 5.00E | --- | 5.76 | 2.65 | 2.28 | 0.911B | 0.508B | 2 |
| 3 | 0.390B | 0.330B | 0.290B | 0.300B | 0.355B | 4.70E | --- | 5.25 | 2.76 | 2.18 | 0.930B | 0.490B | 3 |
| 4 | 0.390B | 0.320B | 0.290B | 0.300B | 0.365B | 4.50E | --- | 4.75 | 2.65 | 2.12 | 0.960B | 0.505B | 4 |
| 5 | 0.390B | 0.320B | 0.290B | 0.300B | 0.375B | 4.20E | --- | 4.81 | 2.57 | 2.03 | 0.940B | 0.477B | 5 |
| 6 | 0.380B | 0.320B | 0.290B | 0.300B | 0.390B | 4.70E | --- | 4.59 | 2.52 | 1.96 | 0.906B | 0.446B | 6 |
| 7 | 0.380B | 0.320B | 0.290B | 0.310B | 0.400B | 5.10E | --- | 4.44 | 2.61 | 1.93 | 0.880B | 0.412B | 7 |
| 8 | 0.380B | 0.320B | 0.290B | 0.310B | 0.415B | 5.60E | --- | 4.69 | 2.85 | 1.86 | 0.840B | 0.442B | 8 |
| 9 | 0.380B | 0.320B | 0.290B | 0.310B | 0.420B | 6.21A | --- | 5.17 | 2.98 | 1.77 | 0.850B | 0.495B | 9 |
| 10 | 0.370B | 0.310B | 0.290B | 0.310B | 0.460B | 6.80E | --- | 4.80 | 2.82 | 1.81 | 0.880B | 0.492B | 10 |
| 11 | 0.370B | 0.310B | 0.290B | 0.310B | 0.480B | --- | --- | 6.49 | 2.69 | 1.77 | 0.910B | 0.466B | 11 |
| 12 | 0.370B | 0.310B | 0.290B | 0.310B | 0.510B | --- | --- | 6.87 | 2.50 | 1.76 | 0.900B | 0.467B | 12 |
| 13 | 0.370B | 0.310B | 0.290B | 0.310B | 0.560B | --- | --- | 6.02 | 2.36 | 1.77 | 0.900B | 0.465B | 13 |
| 14 | 0.370B | 0.310B | 0.290B | 0.310B | 0.640B | --- | 5.73A | 5.29 | 2.31 | 1.73 | 0.880B | 0.454B | 14 |
| 15 | 0.370B | 0.300B | 0.290B | 0.310B | 0.800B | --- | 5.99 | 4.69 | 2.40 | 1.55 | 0.870B | 0.447B | 15 |
| 16 | 0.360B | 0.300B | 0.290B | 0.310B | 1.00 E | --- | 6.61 | 4.64 | 2.69 | 1.43 | 0.860B | 0.436B | 16 |
| 17 | 0.360B | 0.300B | 0.290B | 0.310B | 1.25 E | --- | 7.04 | 4.75 | 3.07 | 1.26 B | 0.870B | 0.402B | 17 |
| 18 | 0.360B | 0.300B | 0.300B | 0.310B | 1.50 E | --- | 8.19 | 4.52 | 3.13 | 1.31 B | 0.880B | 0.381B | 18 |
| 19 | 0.360B | 0.300B | 0.300B | 0.310B | 1.90 A | --- | 7.52 | 4.38 | 2.93 | 1.28 B | 0.880B | 0.377B | 19 |
| 20 | 0.350B | 0.300B | 0.300B | 0.310B | 1.80 E | --- | 5.98 | 4.05 | 2.72 | 1.31 B | 0.890B | 0.365B | 20 |
| 21 | 0.350B | 0.300B | 0.300B | 0.318B | 1.75 E | --- | 5.46 | 3.67 | 2.71 | 1.30 B | 0.900B | 0.341B | 21 |
| 22 | 0.350B | 0.300B | 0.300B | 0.320B | 1.70 E | --- | 5.27 | 3.67 | 2.61 | 1.27 B | 0.907B | 0.346B | 22 |
| 23 | 0.350B | 0.290B | 0.300B | 0.320B | 1.60 E | --- | 5.32 | 3.68 | 2.40 | 1.24 B | 0.902B | 0.333B | 23 |
| 24 | 0.350B | 0.290B | 0.300B | 0.320B | 1.50 E | --- | 5.19 | 3.90 | 2.31 | 1.07 B | 0.866B | 0.330B | 24 |
| 25 | 0.340B | 0.290B | 0.300B | 0.320B | 1.80 E | --- | 5.25 | 3.73 | 2.20 | 1.10 B | 0.796B | 0.335B | 25 |
| 26 | 0.340B | 0.290B | 0.300B | 0.320B | 2.10 E | --- | 5.14 | 3.32 | 2.08 | 1.13 B | 0.749B | 0.333B | 26 |
| 27 | 0.340B | 0.290B | 0.300B | 0.325B | 2.45 E | --- | 5.13 | 2.98 | 2.14 | 1.10 B | 0.720B | 0.334B | 27 |
| 28 | 0.340B | 0.290B | 0.300B | 0.325B | 2.75 E | --- | 5.10 | 2.76 | 2.12 | 0.897B | 0.675B | 0.351B | 28 |
| 29 | 0.340B | | 0.300B | 0.330B | 3.10 E | --- | 5.36 | 2.54 | 1.97 | 0.940B | 0.626B | 0.357B | 29 |
| 30 | 0.330B | | 0.300B | 0.335B | 3.50 E | --- | 5.26 | 2.40 | 2.09 | 0.980B | 0.593B | 0.347B | 30 |
| 31 | 0.330B | | 0.300B | | 4.00 E | | 5.97 | 2.38 | | 0.940B | | 0.334B | 31 |
| TOTAL | 11.260 | 8.600 | 9.130 | 9.373 | 40.560 | --- | --- | 137.02 | 76.39 | 47.447 | 25.548 | 12.812 | TOTAL |
| MEAN | 0.363 | 0.307 | 0.295 | 0.312 | 1.31 | --- | --- | 4.42 | 2.55 | 1.53 | 0.852 | 0.413 | MEAN |
| MAX | 0.400 | 0.330 | 0.300 | 0.335 | 4.00 | --- | --- | 6.87 | 3.13 | 2.37 | 0.960 | 0.544 | MAX |
| MIN | 0.330 | 0.290 | 0.290 | 0.300 | 0.340 | --- | --- | 2.38 | 1.97 | 0.897 | 0.593 | 0.330 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.290B ON FEB 23

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 57 40 N
LONG 128 13 00 W
DRAINAGE AREA, 152 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 973 | JUL | --- |
| FEB | 743 | AUG | 11 800 |
| MAR | 789 | SEP | 6 600 |
| APR | 810 | OCT | 4 100 |
| MAY | 3 500 | NOV | 2 210 |
| JUN | --- | DEC | 1 110 |

## FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.5B | 15.5B | 13.0B | 11.5B | 14.9B | 402 | 178 | 82.6 | 78.2 | 51.9 | 22.0B | 23.1B | 1 |
| 2 | 20.5B | 15.0B | 13.0B | 11.5B | 15.0B | 488 | 179 | 87.0 | 76.6 | 53.9 | 22.3B | 23.0B | 2 |
| 3 | 20.0B | 15.0B | 13.0B | 11.5B | 16.0B | 5150E | 186 | 90.0 | 76.4 | 55.1 | 22.5B | 23.0B | 3 |
| 4 | 20.0B | 15.0B | 13.0B | 11.5B | 16.6B | 5550E | 175 | 87.5 | 76.2 | 53.7 | 22.7B | 23.0B | 4 |
| 5 | 20.0B | 14.5B | 13.0B | 11.5B | 17.5B | 4400E | 163 | 85.5 | 75.7 | 52.2 | 23.0B | 23.0B | 5 |
| 6 | 19.5B | 14.5B | 13.0B | 11.3B | 18.4B | 3100E | 160 | 93.9 | 73.2 | 51.5 | 23.0B | 22.5B | 6 |
| 7 | 19.5B | 14.5B | 13.0B | 11.2B | 19.5B | 2190A | 146 | 95.7 | 71.6 | 50.9 | 23.5B | 22.5B | 7 |
| 8 | 19.5B | 14.5B | 12.5B | 11.2B | 20.7B | 255 | 139 | 86.8 | 70.9 | 50.1 | 23.5B | 22.5B | 8 |
| 9 | 19.0B | 14.5B | 12.5B | 11.2B | 23.0B | 311 | 141 | 81.9 | 71.3 | 48.9 | 23.5B | 22.5B | 9 |
| 10 | 19.0B | 14.5B | 12.5B | 11.2B | 26.0B | 347 | 139 | 80.9 | 70.3 | 47.8 | 23.5B | 22.5B | 10 |
| 11 | 19.0B | 14.5B | 12.5B | 11.2B | 36.0B | 358 | 144 | 151 | 69.1 | 47.6 | 23.5B | 22.5B | 11 |
| 12 | 18.5B | 14.5B | 12.5B | 11.2B | 50.0B | 404 | 170 E | 335 | 67.5 | 46.9 | 24.0B | 22.0B | 12 |
| 13 | 18.5B | 14.0B | 12.5B | 11.2B | 68.0E | 401 | 165 E | 312 | 65.7 | 46.3 | 24.0B | 22.0B | 13 |
| 14 | 18.0B | 14.0B | 12.5B | 11.2B | 95.0E | 367 | 120 E | 271 | 64.0 | 45.5 | 24.0B | 22.0B | 14 |
| 15 | 18.0B | 14.0B | 12.5B | 11.2B | 130 E | 386 | 98.0E | 213 | 62.7 | 45.5 | 24.0B | 22.0B | 15 |
| 16 | 18.0B | 14.0B | 12.5B | 11.5B | 190 E | 336 | 84.0E | 174 | 61.3 | 42.0 | 24.0B | 22.0B | 16 |
| 17 | 17.5B | 14.0B | 12.5B | 11.8B | 250 E | 255 | 82.0E | 153 | 60.4 | 22.1 | 24.0B | 22.0B | 17 |
| 18 | 17.5B | 14.0B | 12.0B | 12.0B | 350 E | 209A | 85.0E | 140 | 60.0 | 21.1 | 24.0B | 22.0B | 18 |
| 19 | 17.5B | 13.9B | 12.0B | 12.1B | 508 A | 204A | 91.0E | 134 | 59.8 | 19.5 | 24.0B | 22.0B | 19 |
| 20 | 17.0B | 13.5B | 12.0B | 13.3B | 407 | 249 | 110 E | 142 | 59.2 | 17.0B | 24.0B | 21.5B | 20 |
| 21 | 17.0B | 13.5B | 12.0B | 12.4B | 333 | 280 | 105 E | 135 | 57.8 | 16.0B | 24.0B | 21.5B | 21 |
| 22 | 17.0B | 13.5B | 12.0B | 12.5B | 287 | 237 | 98.7A | 121 | 56.6 | 15.0B | 24.0B | 21.5B | 22 |
| 23 | 16.5B | 13.5B | 12.0B | 12.7B | 254 | 183 | 96.5 | 111 | 55.7 | 14.5B | 23.5B | 21.5B | 23 |
| 24 | 16.5B | 13.5B | 12.0B | 13.9B | 235 | 174A | 94.2 | 105 | 54.9 | 14.0B | 23.5B | 21.5B | 24 |
| 25 | 16.5B | 13.5B | 11.5B | 13.0B | 242 | 172E | 90.7 | 103 | 53.8 | 15.0B | 23.5B | 21.5B | 25 |
| 26 | 16.5B | 13.5B | 11.5B | 13.2B | 285 | 169E | 88.0 | 102 | 52.7 | 16.0B | 23.3B | 21.5B | 26 |
| 27 | 16.0B | 13.5B | 11.5B | 13.5B | 260 | 171A | 86.1 | 98.1 | 52.2 | 18.0B | 23.3B | 21.0B | 27 |
| 28 | 16.0B | 13.5B | 11.5B | 13.8B | 295 | 174A | 84.7 | 93.6 | 52.0 | 19.0B | 23.2B | 21.0B | 28 |
| 29 | 16.0B | | 11.5B | 14.2B | 334 | 182E | 83.9 | 89.9 | 52.1 | 20.5B | 23.2B | 21.0B | 29 |
| 30 | 15.5B | | 11.5B | 14.5B | 329 | 189A | 83.7 | 84.2 | 52.1 | 21.0B | 23.2B | 21.0B | 30 |
| 31 | 15.5B | | 11.5B | | 337 | | 83.0 | 80.6 | | 21.5B | | 21.0B | 31 |
| TOTAL | 556.0 | 395.9 | 380.5 | 362.0 | 5 453.0 | 8 943 | 3 739.6 | 4 019.3 | 1 910.0 | 1 070.0 | 703.7 | 681.6 | TOTAL |
| MEAN | 17.9 | 14.1 | 12.3 | 12.1 | 176 | 298 | 121 | 130 | 63.7 | 34.5 | 23.5 | 22.0 | MEAN |
| MAX | 20.5 | 15.5 | 13.0 | 14.5 | 508 | 555 | 186 | 335 | 78.2 | 55.1 | 24.0 | 23.1 | MAX |
| MIN | 15.5 | 13.5 | 11.5 | 11.2 | 14.9 | 169 | 83.0 | 80.6 | 52.0 | 14.0 | 22.0 | 21.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 77.3
MAXIMUM DAILY, 555B ON JUN 4
MINIMUM DAILY, 11.2B ON APR 7

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 32 00 N
LONG 125 24 20 W
DRAINAGE AREA, 8 580 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 48 000 | JUL | 323 000 |
| FEB | 34 200 | AUG | 347 000 |
| MAR | 32 900 | SEP | 165 000 |
| APR | 31 300 | OCT | 92 400 |
| MAY | 671 000 | NOV | 60 000 |
| JUN | 773 000 | DEC | 58 900 |

TOTAL DISCHARGE, 2 440 000 dam³

## FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0B | 0 B | 60.0E | 17.4 E | 4.72 | 0.380B | 0B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0B | 0 B | 59.9E | 16.5 E | 4.25 | 0.350B | 0B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0B | 0 B | 58.0E | 15.9 E | 4.01 A | 0.300B | 0B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0B | 0 B | 55.5E | 15.2 E | 4.09 E | 0.275B | 0B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0B | 0 B | 52.0E | 14.4 E | 4.20 E | 0.225B | 0B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0B | 0 B | 50.0E | 13.5 E | 4.28 A | 0.200B | 0B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0B | 0 B | 46.2A | 12.4 E | 4.74 A | 0.175B | 0B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0B | 0 B | 44.8A | 11.9 E | 3.70 E | 0.156B | 0B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0B | 0 B | 43.9E | 11.2 E | 3.18 A | 0.125B | 0B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0B | 0.010B | 42.0E | 10.7 E | 2.50 E | 0.095B | 0B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0B. | 0.030B | 40.0E | 10.3 A | 2.05 E | 0.040B | 0B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0B | 0.070B | 38.6E | 10.4 | 1.58 E | 0.010B | 0B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0B | 0.110B | 37.8E | 10.1 | 0.650E | 0 B | 0B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0B | 0.180B | 37.0E | 8.89 | 0.370A | 0 B | 0B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0B | 0.200B | 35.5E | 7.95 | 0.250A | 0 B | 0B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0B | 0.310B | 35.0E | 7.92 | 0.250A | 0 B | 0B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0B | 0.450B | 33.0E | 7.67 | 0.370A | 0 B | 0B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0B | 0.610B | 31.5E | 7.29 | 0.370A | 0 B | 0B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0B | 0.800B | 29.5E | 7.34 | 0.380E | 0 B | 0B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0B | 1.60 B | 28.2E | 6.71 | 0.460E | 0 B | 0B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0B | 3.30 B | 27.6E | 6.71 | 0.790E | 0 B | 0B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0B | 11.0 B | 26.9E | 6.47 | 1.18 E | 0 B | 0B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0B | 18.5 B | 25.6E | 6.70 | 1.29 A | 0 B | 0B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0B | 31.9 B | 25.0E | 8.29 | 1.15 E | 0 B | 0B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0B | 40.0 B | 24.5E | 6.69A | 0.900E | 0 B | 0B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0B | 48.0 B | 23.9E | 5.80E | 0.750E | 0 B | 0B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0B | 53.0 B | 22.5E | 5.09A | 0.625E | 0 B | 0B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0B | 56.0 B | 21.5E | 5.07 | 0.575E | 0 B | 0B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 0B | 59.0 B | 19.5E | 4.91 | 0.500E | 0 B | 0B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 0B | 60.0 E | 18.6E | 4.87 | 0.425E | 0 B | 0B | 0B | 30 |
| 31 | 0B | | 0B | | 0B | | 18.0E | 4.76 | | 0 B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 385.270 | 1 112.0 | 289.03 | 54.505 | 2.331 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | 12.8 | 35.9 | 9.32 | 1.82 | 0.075 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0 | 60.0 | 60.0 | 17.4 | 4.74 | 0.380 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 18.0 | 4.76 | 0.250 | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.05
MAXIMUM DAILY, 60.0E ON JUN 30
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 07 45 N
LONG 104 59 30 W
DRAINAGE AREA, 1 490 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 96 100 |
| FEB | 0 | AUG | 25 000 |
| MAR | 0 | SEP | 4 710 |
| APR | 0 | OCT | 201 |
| MAY | 0 | NOV | 0 |
| JUN | 33 300 | DEC | 0 |

TOTAL DISCHARGE, 159 000 dam³

## GORDON RIVER NEAR THE MOUTH - STATION NO. 10QC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0B | 0 B | 58.0E | 12.0 | 45.4 | 13.6 | 1.75 B | 0.300B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0B | 0 B | 52.5E | 11.4 | 42.6 | 12.7 | 1.60 B | 0.290B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0B | 0 B | 49.0E | 10.9 | 39.4 | 12.2 | 1.45 B | 0.250B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0B | 0 B | 44.5E | 10.5 | 36.5 | 11.6 | 1.38 B | 0.210B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0B | 0 B | 42.0E | 9.62 | 34.4 | 10.9 | 1.28 B | 0.200B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0B | 0 B | 39.5E | 8.86 | 32.4 | 10.7 | 1.20 B | 0.190B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0B | 0 B | 38.3A | 8.57 | 30.5 | 10.5 | 1.10 B | 0.170B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0B | 0 B | 35.8 | 8.38 | 28.8 | 10.2 | 1.02 B | 0.150B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0B | 0 B | 33.5 | 8.21 | 27.7 | 9.91 | 0.990B | 0.130B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0B | 0 B | 31.3 | 7.74 | 26.2 | 9.59 | 0.910B | 0.110B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0B | 0 B | 29.5 | 7.15 | 24.8 | 9.17 | 0.820B | 0.100B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0B | 0 B | 28.0 | 7.08 | 23.2 | 8.87 | 0.790B | 0.100B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0B | 0.010B | 26.4 | 18.1 | 22.3 | 8.26 | 0.720B | 0.080B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0B | 0.040B | 24.3 | 34.4 | 21.7 | 7.98 | 0.700B | 0.050B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0B | 0.070B | 23.2 | 43.9 | 20.6 | 6.90 | 0.650B | 0.020B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0B | 0.100B | 22.5 | 55.8 | 20.1 | 6.45B | 0.620B | 0.020B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0B | 0.200B | 21.5 | 58.3 | 19.3 | 6.15B | 0.600B | 0.010B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0B | 0.800B | 20.2 | 53.9 | 18.5 | 5.91B | 0.600B | 0.010B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0B | 2.60 B | 18.6 | 48.3 | 18.9 | 5.40B | 0.580B | 0 B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0B | 3.60 B | 17.5 | 44.1 | 18.9 | 5.00B | 0.550B | 0 B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0B | 5.50 B | 17.4 | 41.0 | 19.1 | 4.60B | 0.500B | 0 B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0B | 8.65 E | 17.0 | 39.0 | 18.5 | 4.25B | 0.470B | 0 B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0B | 14.0 E | 16.5 | 38.3 | 18.9 | 3.95B | 0.430B | 0 B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0B | 22.5 E | 16.2 | 36.6 | 18.7 | 3.65B | 0.410B | 0 B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0B | 34.0 E | 15.3 | 39.2 | 18.1 | 3.35B | 0.400B | 0 B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0B | 52.0 E | 14.4 | 41.9 | 17.4 | 3.10B | 0.390B | 0 B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0B | 62.0 E | 14.4 | 45.0 | 16.5 | 2.85B | 0.370B | 0 B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0B | 64.0 E | 11.7 | 47.8 | 15.6 | 2.55B | 0.350B | 0 B | 28 |
| 29 | 0B | | 0B | 0B | 0B | 63.9 E | 13.2 | 50.1 | 14.9 | 2.30B | 0.320B | 0 B | 29 |
| 30 | 0B | | 0B | 0B | 0B | 61.9 E | 12.2 | 50.8 | 14.1 | 2.05B | 0.310B | 0 B | 30 |
| 31 | 0B | | 0B | | 0B | | 12.1 | 48.9 | | 1.95B | | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 395.870 | 816.5 | 945.81 | 723.7 | 216.59 | 23.260 | 2.390 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | 13.2 | 26.3 | 30.5 | 24.1 | 6.99 | 0.775 | 0.077 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0 | 64.0 | 58.0 | 58.3 | 45.4 | 13.6 | 1.75 | 0.300 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 11.7 | 7.08 | 14.1 | 1.95 | 0.310 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.56
MAXIMUM DAILY, 64.0E ON JUN 28
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 48 20 N
LONG 107 07 00 W
DRAINAGE AREA, 1 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 70 500 |
| FEB | 0 | AUG | 81 700 |
| MAR | 0 | SEP | 62 500 |
| APR | 0 | OCT | 18 700 |
| MAY | 0 | NOV | 2 010 |
| JUN | 34 200 | DEC | 206 |

TOTAL DISCHARGE, 270 000 dam³

NORTHWEST TERRITORIES

## GREAT BEAR LAKE AT PORT RADIUM - STATION NO. 10JA001

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 155.935 | 155.910 | 155.878 | 155.845 | 155.819 | 155.922 | 156.029 | 156.059 | 156.058 | 156.065 | --- | --- | 1 |
| 2 | 155.937 | 155.902 | 155.889 | 155.851 | 155.819 | 155.946 | 156.024 | 156.060 | 156.058 | 156.050 | --- | --- | 2 |
| 3 | 155.940 | 155.887 | 155.904 | 155.843 | 155.836 | 155.945 | 156.038 | 156.050 | 156.065 | 156.054 | --- | --- | 3 |
| 4 | 155.929 | 155.881 | 155.891 | 155.854 | 155.839 | 155.968 | 156.023 | 156.065 | 156.040 | 156.053 | --- | --- | 4 |
| 5 | 155.935 | 155.926 | 155.886 | 155.850 | 155.822 | 155.960 | 156.022 | 156.072 | 156.058 | 156.025 | --- | --- | 5 |
| 6 | 155.951 | 155.942 | 155.883 | 155.852 | 155.806 | 155.959 | 156.028 | 156.070 | 156.055 | 156.035 | --- | --- | 6 |
| 7 | 155.964 | 155.915 | 155.878 | 155.867 | 155.836 | 155.972 | 156.034 | 156.057 | 156.059 | 156.058 | --- | --- | 7 |
| 8 | 155.946 | 155.896 | 155.878 | 155.869 | 155.845 | 155.966 | 156.036 | 156.045 | 156.072 | 156.035 | --- | --- | 8 |
| 9 | 155.908 | 155.916 | 155.876 | 155.854 | 155.842 | 155.952 | 156.041 | 156.058 | 156.073 | 156.019 | --- | --- | 9 |
| 10 | 155.908 | 155.918 | 155.868 | 155.859 | 155.817 | 155.961 | 156.030 | 156.075 | 156.053 | 156.042 | --- | --- | 10 |
| 11 | 155.921 | 155.922 | 155.882 | 155.855 | 155.823 | 155.959 | 156.025 | 156.075 | 156.055 | 156.039 | --- | --- | 11 |
| 12 | 155.925 | 155.904 | 155.885 | 155.850 | 155.829 | 155.951 | 156.028 | 156.102 | 156.060 | 156.038 | --- | --- | 12 |
| 13 | 155.938 | 155.910 | 155.874 | 155.838 | 155.814 | 155.969 | 156.029 | 156.103 | 156.041 | 156.036 | --- | --- | 13 |
| 14 | 155.950 | 155.910 | 155.875 | 155.820 | 155.822 | 155.975 | 156.028 | 156.094 | 156.068 | 156.074 | --- | --- | 14 |
| 15 | 155.936 | 155.875 | 155.883 | 155.828 | 155.838 | 155.977 | 156.019 | 156.073 | 156.062 | 156.058 | --- | --- | 15 |
| 16 | 155.913 | 155.890 | 155.868 | 155.837 | 155.864 | 155.990 | 156.032 | 156.085 | 156.053 | 156.032 | --- | --- | 16 |
| 17 | 155.923 | 155.903 | 155.851 | 155.851 | 155.848 | 155.999 | 156.057 | 156.080 | 156.085 | 156.019 | --- | --- | 17 |
| 18 | 155.913 | 155.884 | 155.866 | 155.844 | 155.828 | 156.017 | 156.065 | 156.109 | 156.052 | 156.032 | --- | --- | 18 |
| 19 | 155.908 | 155.901 | 155.873 | 155.826 | 155.832 | 155.998 | 156.071 | 156.100 | 156.050 | 156.043 | --- | --- | 19 |
| 20 | 155.919 | 155.907 | 155.869 | 155.829 | 155.842 | 155.993 | 156.066 | 156.092 | 156.058 | 156.031 | --- | --- | 20 |
| 21 | 155.914 | 155.902 | 155.872 | 155.857 | 155.857 | 156.021 | 156.061 | 156.116 | 156.072 | 156.021 | --- | --- | 21 |
| 22 | 155.910 | 155.899 | 155.877 | 155.837 | 155.862 | 156.023 | 156.051 | 156.126 | 156.044 | 156.001 | --- | --- | 22 |
| 23 | 155.910 | 155.895 | 155.884 | 155.850 | 155.866 | 156.023 | 156.083 | 156.123 | 156.032 | 155.973 | --- | --- | 23 |
| 24 | 155.913 | 155.897 | 155.858 | 155.843 | 155.873 | 156.018 | 156.056 | 156.102 | 156.066 | 156.016 | --- | --- | 24 |
| 25 | 155.913 | 155.891 | 155.822 | 155.829 | 155.883 | 156.019 | 156.061 | 156.097 | 156.063 | 156.019 | --- | --- | 25 |
| 26 | 155.914 | 155.893 | 155.860 | 155.821 | 155.878 | 156.008 | 156.055 | 156.073 | 156.028 | 156.036 | --- | --- | 26 |
| 27 | 155.918 | 155.889 | 155.879 | 155.829 | 155.895 | 156.012 | 156.085 | 156.066 | 156.030 | --- | --- | --- | 27 |
| 28 | 155.906 | 155.886 | 155.866 | 155.818 | 155.905 | 155.999 | 156.088 | 156.072 | 156.062 | --- | --- | --- | 28 |
| 29 | 155.895 | | 155.862 | 155.811 | 155.913 | 156.015 | 156.082 | 156.066 | 156.049 | --- | --- | --- | 29 |
| 30 | 155.907 | | 155.860 | 155.831 | 155.920 | 156.029 | 156.063 | 156.053 | 156.030 | --- | --- | --- | 30 |
| 31 | 155.919 | | 155.850 | | 155.917 | | 156.054 | 156.056 | | --- | | --- | 31 |
| MEAN | 155.923 | 155.902 | 155.872 | 155.842 | 155.851 | 155.985 | 156.047 | 156.080 | 156.055 | --- | --- | --- | MEAN |
| MAX | 155.964 | 155.942 | 155.904 | 155.869 | 155.920 | 156.029 | 156.088 | 156.126 | 156.085 | --- | --- | --- | MAX |
| MIN | 155.895 | 155.875 | 155.822 | 155.811 | 155.806 | 155.922 | 156.019 | 156.045 | 156.028 | --- | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 156.126 ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 05 00 N
LONG 118 02 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

## GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 469 | 463 | 447 | 448 | 445 | 478 | 511 | 529 | 538 | 528 | 503 | --- | 1 |
| 2 | 470 | 468 | 439 | 442 | 446 | 477 | 515 | 528 | 537 | 526 | 505 | --- | 2 |
| 3 | 465 | 476 | 440 | 443 | 436 | 485 | 522 | 530 | 534 | 526 | 512 | --- | 3 |
| 4 | 470 | 473 | 446 | 438 | 440 | 483 | 529 | 528 | 535 | 526 | 496 | --- | 4 |
| 5 | 472 | 454 | 446 | 438 | 440 | 485 | 531 | 529 | 533 | 530 | 502 | --- | 5 |
| 6 | 462 | 447 | 449 | 442 | 447 | 471 | 529 | 526 | 540 | 526 | --- | --- | 6 |
| 7 | 458 | 459 | 452 | 440 | 438 | 470 | 527 | 532 | 539 | 520 | --- | --- | 7 |
| 8 | 470 | 457 | 451 | 433 | 435 | 472 | 523 | 533 | 531 | 526 | --- | --- | 8 |
| 9 | 480 | 458 | 449 | 442 | 434 | 475 | 522 | 530 | 532 | 526 | --- | --- | 9 |
| 10 | 483 | 449 | 450 | 439 | 442 | 472 | 528 | 522 | 535 | 525 | --- | --- | 10 |
| 11 | 471 | 443 | 439 | 444 | 439 | 476 | 524 | 535 | 532 | 522 | --- | --- | 11 |
| 12 | 468 | 456 | 440 | 446 | 437 | 480 | 524 | 540 | 529 | 523 | --- | --- | 12 |
| 13 | 476 | 454 | 444 | 449 | 440 | 476 | 523 | 539 | 534 | 524 | --- | --- | 13 |
| 14 | 476 | 448 | 444 | 447 | 439 | 476 | 519 | 539 | 525 | 508 | --- | --- | 14 |
| 15 | 484 | 465 | 446 | 442 | 440 | 480 | 506 | 544 | 531 | 517 | --- | --- | 15 |
| 16 | 485 | 468 | 443 | 439 | 438 | 475 | 495 | 544 | 531 | 519 | --- | --- | 16 |
| 17 | 468 | 462 | 450 | 438 | 440 | 469 | 521 | 543 | 520 | 512 | --- | --- | 17 |
| 18 | 469 | 472 | 447 | 442 | 445 | 475 | 519 | 531 | 530 | 515 | --- | --- | 18 |
| 19 | 462 | 486 | 445 | 445 | 438 | 485 | 515 | 540 | 532 | 509 | --- | --- | 19 |
| 20 | 462 | 467 | 445 | 446 | 440 | 487 | 514 | 535 | 529 | 516 | --- | --- | 20 |
| 21 | 470 | 458 | 444 | 434 | 434 | 486 | 519 | 532 | 529 | 522 | --- | --- | 21 |
| 22 | 465 | 457 | 443 | 435 | 439 | 485 | 522 | 529 | 533 | 529 | --- | --- | 22 |
| 23 | 467 | 462E | 441 | 438 | 447 | 488 | 521 | 533 | 533 | 529 | --- | --- | 23 |
| 24 | 469 | 467E | 445 | 437 | 450 | 496 | 522 | 533 | 525 | 516 | --- | --- | 24 |
| 25 | 473 | 439 | 452 | 443 | 452 | 511 | 523 | 535 | 529 | 517 | --- | --- | 25 |
| 26 | 460 | 440 | 434 | 444 | 455 | 514 | 529 | 535 | 532 | 506 | --- | --- | 26 |
| 27 | 451 | 446 | 428 | 442 | 460 | 517 | 522 | 536 | 525 | 493 | --- | --- | 27 |
| 28 | 457 | 447 | 432 | 448 | 467 | 520 | 523 | 536 | 529 | 513 | --- | --- | 28 |
| 29 | 464 | | 435 | 443 | 463 | 514 | 528 | 537 | 530 | 513 | --- | --- | 29 |
| 30 | 461 | | 438 | 440 | 470 | 511 | 529 | 540 | 535 | 513 | --- | --- | 30 |
| 31 | 458 | | 444 | | 476 | | 531 | 539 | | 507 | | --- | 31 |
| TOTAL | 14 511 | 12 841 | 13 748 | 13 247 | 13 812 | 14 589 | 16 166 | 16 562 | 15 947 | 16 082 | --- | --- | TOTAL |
| MEAN | 468 | 459 | 443 | 442 | 446 | 486 | 521 | 534 | 532 | 519 | --- | --- | MEAN |
| MAX | 485 | 486 | 452 | 449 | 476 | 520 | 531 | 544 | 540 | 530 | --- | --- | MAX |
| MIN | 451 | 439 | 428 | 433 | 434 | 469 | 495 | 522 | 520 | 493 | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 544 ON AUG 15
MINIMUM DAILY, 428 ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 08 10 N
LONG 123 30 30 W
DRAINAGE AREA, 146 000 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 250 000 | JUL | 1 400 000 |
| FEB | 1 110 000 | AUG | 1 430 000 |
| MAR | 1 190 000 | SEP | 1 380 000 |
| APR | 1 140 000 | OCT | 1 390 000 |
| MAY | 1 190 000 | NOV | --- |
| JUN | 1 260 000 | DEC | --- |

## GREAT SLAVE LAKE AT YELLOWKNIFE BAY - STATION NO. 07SB001

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 156.226 | 156.268 | 156.370 | 156.388 | 156.369 | 156.545 | 156.604 | 156.554 | 156.514 | 156.524 | 156.415A | 156.360E | 1 |
| 2 | 156.231 | 156.273 | 156.376 | 156.393 | 156.368 | 156.550 | 156.605 | 156.550 | 156.519 | 156.507 | 156.438 | 156.351E | 2 |
| 3 | 156.236 | 156.270 | 156.380 | 156.390 | 156.363 | 156.547 | 156.608 | 156.561 | 156.508 | 156.526 | 156.528 | 156.380E | 3 |
| 4 | 156.231 | 156.269 | 156.374 | 156.398 | 156.363 | 156.544 | 156.602 | 156.571 | 156.527 | 156.519 | 156.593 | 156.370E | 4 |
| 5 | 156.233 | 156.285 | 156.372 | 156.395 | 156.373 | 156.569 | 156.602 | 156.572 | 156.557 | 156.527 | 156.413 | 156.370E | 5 |
| 6 | 156.228 | 156.281 | 156.379 | 156.401 | 156.386 | 156.565 | 156.603 | 156.565 | 156.541 | 156.551 | 156.352 | 156.375E | 6 |
| 7 | 156.240 | 156.280 | 156.383 | 156.409 | 156.380A | 156.562A | 156.605 | 156.553 | 156.546 | 156.506 | 156.389 | 156.397E | 7 |
| 8 | 156.232 | 156.290 | 156.375 | 156.396 | 156.390 | 156.563E | 156.604 | 156.566 | 156.548 | 156.522 | 156.389 | 156.380E | 8 |
| 9 | 156.223 | 156.287 | 156.386 | 156.397 | 156.384 | 156.562A | 156.593 | 156.576 | 156.539 | 156.521 | 156.369 | 156.373E | 9 |
| 10 | 156.225 | 156.286 | 156.380 | 156.388 | 156.391 | 156.580 | 156.574 | 156.564 | 156.522 | 156.532 | 156.334 | 156.393E | 10 |
| 11 | 156.232 | 156.299 | 156.394 | 156.391 | 156.385A | 156.579 | 156.583 | 156.573 | 156.496 | 156.514 | 156.366 | 156.396E | 11 |
| 12 | 156.240 | 156.306 | 156.398 | 156.391 | 156.392E | 156.586 | 156.578 | 156.567 | 156.548 | 156.549A | 156.367 | 156.390E | 12 |
| 13 | 156.237 | 156.312 | 156.384 | 156.383 | 156.399E | 156.588 | 156.575 | 156.549 | 156.562 | 156.535E | 156.373 | 156.400E | 13 |
| 14 | 156.240 | 156.302 | 156.382 | 156.380 | 156.411E | 156.591 | 156.568 | 156.539 | 156.560 | 156.495E | 156.393 | 156.409A | 14 |
| 15 | 156.243 | 156.297 | 156.382 | 156.387 | 156.415E | 156.603 | 156.562 | 156.561 | 156.527 | 156.525E | 156.361 | 156.402E | 15 |
| 16 | 156.234 | 156.304 | 156.388 | 156.397 | 156.420E | 156.602 | 156.567 | 156.570 | 156.567 | 156.510E | 156.348 | 156.411E | 16 |
| 17 | 156.238 | 156.316 | 156.393 | 156.396 | 156.430E | 156.605 | 156.575 | 156.562 | 156.537 | 156.506E | 156.343 | 156.403E | 17 |
| 18 | 156.245 | 156.316 | 156.393 | 156.394 | 156.435E | 156.596 | 156.550 | 156.573 | 156.551 | 156.507E | 156.329 | 156.404E | 18 |
| 19 | 156.241 | 156.316 | 156.401 | 156.399 | 156.450E | 156.597 | 156.520 | 156.593 | 156.548 | 156.495E | 156.358 | 156.407E | 19 |
| 20 | 156.245 | 156.324 | 156.404 | 156.404 | 156.467E | 156.598 | 156.548 | 156.559 | 156.548 | 156.487E | 156.370 | 156.410E | 20 |
| 21 | 156.246 | 156.338 | 156.390 | 156.411 | 156.485E | 156.609 | 156.568 | 156.555 | 156.533 | 156.480E | 156.369 | 156.415E | 21 |
| 22 | 156.253 | 156.339 | 156.389 | 156.390 | 156.492E | 156.605 | 156.551 | 156.540 | 156.533 | 156.485E | 156.330 | 156.405E | 22 |
| 23 | 156.254 | 156.346 | 156.387 | 156.390 | 156.501E | 156.615 | 156.545 | 156.514 | 156.551 | 156.460E | 156.341 | 156.410E | 23 |
| 24 | 156.252 | 156.352 | 156.383 | 156.391 | 156.510E | 156.614 | 156.556 | 156.519 | 156.532 | 156.467E | 156.337 | 156.405E | 24 |
| 25 | 156.254 | 156.357 | 156.376 | 156.389 | 156.515E | 156.614 | 156.553 | 156.497 | 156.500 | 156.463E | 156.352 | 156.425E | 25 |
| 26 | 156.254 | 156.356 | 156.383 | 156.391 | 156.523A | 156.611 | 156.560 | 156.521 | 156.539 | 156.455E | 156.372 | 156.415E | 26 |
| 27 | 156.258 | 156.357 | 156.389 | 156.393 | 156.525 | 156.610 | 156.572 | 156.540 | 156.554 | 156.440E | 156.363 | 156.410E | 27 |
| 28 | 156.256 | 156.365 | 156.387 | 156.381 | 156.528 | 156.613 | 156.562 | 156.536 | 156.538 | 156.452E | 156.364E | 156.420E | 28 |
| 29 | 156.253 | | 156.386 | 156.379 | 156.530 | 156.624 | 156.577 | 156.535 | 156.532 | 156.465E | 156.355E | 156.430E | 29 |
| 30 | 156.256 | | 156.386 | 156.389 | 156.530 | 156.622 | 156.566 | 156.546 | 156.555 | 156.440E | 156.350E | 156.435E | 30 |
| 31 | 156.266 | | 156.387 | | 156.542 | | 156.561 | 156.532 | | 156.425E | | 156.432E | 31 |
| MEAN | 156.242 | 156.310 | 156.385 | 156.393 | 156.440 | 156.589 | 156.574 | 156.552 | 156.538 | 156.496 | 156.378 | 156.399 | MEAN |
| MAX | 156.266 | 156.365 | 156.404 | 156.411 | 156.542 | 156.624 | 156.608 | 156.593 | 156.567 | 156.551 | 156.593 | 156.435 | MAX |
| MIN | 156.223 | 156.268 | 156.370 | 156.379 | 156.363 | 156.544 | 156.520 | 156.497 | 156.496 | 156.425 | 156.329 | 156.351 | MIN |

### SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 156.442
MAXIMUM DAILY, 156.624 ON JUN 29
MINIMUM DAILY, 156.223 ON JAN 9
MAXIMUM INSTANTANEOUS,
156.727 AT 05:55 MST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 26 30 N
LONG 114 21 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

## HALDANE RIVER NEAR THE MOUTH - STATION NO. 10JD001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 225 | --- | 9.04 | 6.04 | 3.85B | 0.980B | 0.060B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 234 | --- | 8.53 | 5.83 | 3.64B | 0.940B | 0.040B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 217 | --- | 8.09 | 5.61 | 3.43B | 0.900B | 0.030B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 183 | --- | 7.57 | 5.37 | 3.26B | 0.850B | 0.010B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 153 | --- | 7.15 | 5.39 | 3.12B | 0.820B | 0 B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 130 | --- | 6.78 | 5.48 | 2.97B | 0.780B | 0 B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 127 | --- | 6.56 | 5.43 | 2.84B | 0.730B | 0 B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 115 | --- | 6.19 | 5.33 | 2.73B | 0.680B | 0 B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 103 | --- | 5.95 | 5.34 | 2.64B | 0.640B | 0 B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 90.7 | --- | 5.67 | 5.38 | 2.54B | 0.620B | 0 B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 82.5 | --- | 5.71 | 5.32 | 2.46B | 0.580B | 0 B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 79.5 | --- | 5.95 | 5.16 | 2.38B | 0.540B | 0 B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 84.9 | --- | 6.65 | 4.97 | 2.31B | 0.500B | 0 B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0 B | 132 | --- | 8.08 | 4.87 | 2.23B | 0.480B | 0 B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0 B | --- | --- | 8.96 | 4.71 | 2.18B | 0.460B | 0 B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0 B | --- | --- | 11.0 | 4.68 | 2.12B | 0.430B | 0 B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0 B | --- | 17.9 | 11.4 | 4.51 | 2.05B | 0.400B | 0 B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0 B | --- | 17.8 | 10.7 | 4.55 | 2.00B | 0.370B | 0 B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0 B | --- | 16.9 | 10.2 | 4.41 | 1.92B | 0.340B | 0 B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0.300B | --- | 15.8 | 9.75 | 4.37 | 1.80B | 0.320B | 0 B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0.600B | --- | 15.0 | 9.48 | 4.24 | 1.72B | 0.280B | 0 B | 21 |
| 22 | 0B | 0B | 0B | 0B | 1.24 B | --- | 14.2 | 9.22 | 4.20 | 1.62B | 0.260B | 0 B | 22 |
| 23 | 0B | 0B | 0B | 0B | 6.00 B | --- | 14.0 | 8.83 | 4.02 | 1.54B | 0.240B | 0 B | 23 |
| 24 | 0B | 0B | 0B | 0B | 70.0 B | --- | 13.6 | 8.43 | 4.01 | 1.46B | 0.220B | 0 B | 24 |
| 25 | 0B | 0B | 0B | 0B | 211 B | --- | 13.2 | 8.06 | 4.00 | 1.38B | 0.200B | 0 B | 25 |
| 26 | 0B | 0B | 0B | 0B | 224 B | --- | 12.8 | 7.63 | 4.00 | 1.33B | 0.170B | 0 B | 26 |
| 27 | 0B | 0B | 0B | 0B | 229 B | --- | 12.2 | 7.23 | 4.04 | 1.28B | 0.150B | 0 B | 27 |
| 28 | 0B | 0B | 0B | 0B | 228 B | --- | 11.6 | 6.86 | 4.06 | 1.21B | 0.130B | 0 B | 28 |
| 29 | 0B | | 0B | 0B | 222 B | --- | 11.0 | 6.66 | 4.10 | 1.16B | 0.100B | 0 B | 29 |
| 30 | 0B | | 0B | 0B | 216 A | --- | 10.3 | 6.46 | 4.13 | 1.08B | 0.080B | 0 B | 30 |
| 31 | 0B | | 0B | | 210 | | 9.70 | 6.18 | | 1.04B | | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 1 618.140 | --- | --- | 244.97 | 143.51 | 67.30 | 14.190 | 0.140 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 52.2 | --- | --- | 7.90 | 4.78 | 2.17 | 0.473 | 0.005 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 229 | --- | --- | 11.4 | 6.04 | 3.85 | 0.980 | 0.060 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | --- | --- | 5.67 | 4.00 | 1.04 | 0.080 | 0 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 51 00 N
LONG 121 16 10 W
DRAINAGE AREA, 3 990 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | --- |
| FEB | 0 | AUG 21 200 | |
| MAR | 0 | SEP 12 400 | |
| APR | 0 | OCT 5 810 | |
| MAY | 140 000 | NOV 1 230 | |
| JUN | --- | DEC 12.1 | |

## NORTHWEST TERRITORIES

### HANBURY RIVER ABOVE HOARE LAKE - STATION NO. 06JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | 81.1 | 43.3 | 25.4 | 28.2B | 17.4B | 12.4B | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 80.3 | 41.7 | 25.3 | 28.9B | 17.0B | 12.3B | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 79.4 | 40.3 | 25.2 | 28.2B | 16.6B | 12.2B | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 78.1 | 39.1 | 25.0 | 27.5B | 16.2B | 12.2B | 4 |
| 5 | --- | 1.71B | --- | --- | --- | --- | 77.1 | 37.9 | 24.6 | 27.0B | 15.8B | 12.1B | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 75.6 | 37.1 | 24.3 | 26.5B | 15.5B | 12.0B | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 74.4 | 36.1 | 24.0 | 26.2B | 15.2B | 11.9B | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 72.7 | 35.4 | 23.9 | 26.1B | 14.9B | 11.9B | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 71.7 | 34.5 | 23.7 | 26.0B | 14.7B | 11.8B | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 70.4 | 33.7 | 23.2 | 25.9B | 14.5B | 11.7B | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 69.2 | 32.7 | 23.2 | 25.6B | 14.3B | 11.6B | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 67.8 | 32.1 | 24.2 | 25.6B | 14.1B | 11.5B | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 66.5 | 31.7 | 24.6 | 25.3B | 13.9B | 11.5B | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 65.3 | 32.1 | 23.9 | 24.8B | 13.7B | 11.4B | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 63.9 | 31.8 | 23.8 | 24.4B | 13.6B | 11.3B | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 62.5 | 31.3 | 24.3 | 24.0B | 13.5B | 11.2B | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 61.2 | 30.6 | 25.5 | 23.6B | 13.5B | 11.2B | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 59.7 | 30.0 | 26.1 | 23.2B | 13.4B | 11.1B | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 60.3 | 29.5 | 26.3 | 22.8B | 13.3B | 11.0B | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 59.6 | 29.0 | 26.6 | 22.4B | 13.2B | 10.9B | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 59.0 | 28.8 | 26.7 | 21.9B | 13.2B | 10.9B | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 57.2 | 28.1 | 26.9 | 21.4B | 13.1B | 10.8B | 22 |
| 23 | --- | --- | --- | 3.76B | --- | 82.8A | 55.4 | 27.8 | 26.7 | 21.0B | 13.0B | 10.7B | 23 |
| 24 | --- | --- | --- | --- | --- | 82.1 | 54.0 | 27.4 | 27.1 | 20.6B | 12.9B | 10.6B | 24 |
| 25 | --- | --- | --- | --- | --- | 82.0 | 53.2 | 26.6 | 27.9 | 20.2B | 12.9B | 10.5B | 25 |
| 26 | --- | --- | --- | --- | --- | 82.4 | 52.3 | 26.8 | 27.9 | 19.8B | 12.8B | 10.5B | 26 |
| 27 | --- | --- | --- | --- | --- | 83.3 | 51.5 | 26.7 | 27.9 | 19.4B | 12.7B | 10.4B | 27 |
| 28 | --- | --- | --- | --- | --- | 82.8 | 50.3 | 26.2 | 27.9 | 19.0B | 12.6B | 10.3B | 28 |
| 29 | --- | | --- | --- | --- | 82.3 | 48.1 | 25.9 | 28.0 | 18.6B | 12.6B | 10.2B | 29 |
| 30 | --- | | --- | --- | --- | 81.7 | 46.4 | 25.6 | 27.9 | 18.2B | 12.5B | 10.2B | 30 |
| 31 | --- | | --- | | --- | | 45.0 | 25.6 | | 17.8B | | 10.1B | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | 1 969.2 | 985.4 | 768.0 | 730.1 | 422.6 | 348.4 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | 63.5 | 31.8 | 25.6 | 23.6 | 14.1 | 11.2 | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | 81.1 | 43.3 | 28.0 | 28.9 | 17.4 | 12.4 | MAX |
| MIN | --- | --- | --- | --- | --- | --- | 45.0 | 25.6 | 23.2 | 17.8 | 12.5 | 10.1 | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 35 30 N
LONG 105 09 00 W
DRAINAGE AREA, 4 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 170 000 |
| FEB | --- | AUG | 85 100 |
| MAR | --- | SEP | 66 400 |
| APR | --- | OCT | 63 100 |
| MAY | --- | NOV | 36 500 |
| JUN | --- | DEC | 30 100 |

### HARRIS RIVER NEAR THE MOUTH - STATION NO. 10GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.120B | 0.005B | 0.006B | 0.002B | 0.900B | 10.7 | 3.31 | 1.53 | 1.92 | 3.28 | 1.07 B | 0.210B | 1 |
| 2 | 0.110B | 0.005B | 0.006B | 0.002B | 2.70 B | 9 73 | 3.03 | 1.49 | 1.84 | 3.26 | 0.940B | 0.205B | 2 |
| 3 | 0.090B | 0.005B | 0.006B | 0.002B | 9.24 B | 8.82 | 2.74 | 1.65 | 1.86 | 3.25 | 0.850B | 0.205B | 3 |
| 4 | 0.090B | 0.005B | 0.006B | 0.002B | 10.4 B | 8.36 | 2.38 | 1.65 | 1.99 | 3.23 | 0.770B | 0.200B | 4 |
| 5 | 0.080B | 0.005B | 0.006B | 0.002B | 12.0 B | 8.21 | 2.16 | 1.60 | 2.07 | 3.19 | 0.700B | 0.200B | 5 |
| 6 | 0.070B | 0.005B | 0.006B | 0.002B | 13.6 B | 7.92 | 1.88 | 1.49 | 2.05 | 3.22 | 0.640B | 0.188B | 6 |
| 7 | 0.060B | 0.005B | 0.006B | 0.002B | 14.5 B | 7.39 | 1.57 | 1.40 | 2.11 | 3.23 | 0.560B | 0.180B | 7 |
| 8 | 0.050B | 0.005B | 0.006B | 0.002B | 15.6 B | 6.92 | 1.38 | 1.69 | 2.27 | 3.23 | 0.510B | 0.180B | 8 |
| 9 | 0.050B | 0.005B | 0.006B | 0.002B | 19.0 B | 6.40 | 1.23 | 1.64 | 3.02 | 3.14 | 0.460B | 0.180B | 9 |
| 10 | 0.040B | 0.005B | 0.006B | 0.002B | 24.0 B | 5.89 | 1.28 | 1.52 | 3.64 | 3.03 | 0.410B | 0.170B | 10 |
| 11 | 0.040B | 0.005B | 0.006B | 0.002B | 24.8 B | 5.53 | 1.38 | 1.31 | 4.17 | 3.06 | 0.370B | 0.170B | 11 |
| 12 | 0.030B | 0.005B | 0.006B | 0.002B | 26.0 B | 5.21 | 1.30 | 1.11 | 4.75 | 2.93 | 0.350B | 0.160B | 12 |
| 13 | 0.030B | 0.005B | 0.006B | 0.002B | 27.0 B | 4.94 | 1.26 | 0.970 | 4.48 | 2.90 | 0.330B | 0.160B | 13 |
| 14 | 0.020B | 0.005B | 0.006B | 0.002B | 28.0 B | 4.63 | 1.22 | 0.998 | 4.43 | 2.79 | 0.315B | 0.160B | 14 |
| 15 | 0.020B | 0.005B | 0.006B | 0.002B | 29.7 B | 4.45 | 1.25 | 1.07 | 4.21 | 2.65 | 0.300B | 0.150B | 15 |
| 16 | 0.015B | 0.005B | 0.004B | 0.002B | 36.5 A | 4.15 | 1.41 | 0.972 | 4.12 | 2.60 | 0.290B | 0.150B | 16 |
| 17 | 0.015B | 0.005B | 0.004B | 0.002B | 38.0 E | 3.93 | 1.53 | 0.871 | 4.01 | 2.45B | 0.280B | 0.150B | 17 |
| 18 | 0.010B | 0.005B | 0.004B | 0.002B | 39.5 E | 3.76 | 1.43 | 0.749 | 3.85 | 2.30B | 0.270B | 0.140B | 18 |
| 19 | 0.010B | 0.005B | 0.004B | 0.002B | 40.8 E | 3.60 | 1.29 | 0.958 | 3.66 | 2.15B | 0.260B | 0.140B | 19 |
| 20 | 0.010B | 0.005B | 0.004B | 0.002B | 42.0 E | 3.35 | 1.19 | 1.34 | 3.44 | 2.05B | 0.255B | 0.140B | 20 |
| 21 | 0.007B | 0.006B | 0.004B | 0.005B | 43.3 E | 3.18 | 1.18 | 1.92 | 3.32 | 1.95B | 0.250B | 0.130B | 21 |
| 22 | 0.007B | 0.006B | 0.004B | 0.009B | 43.5 A | 4.15 | 1.11 | 2.46 | 3.18 | 1.85B | 0.245B | 0.130B | 22 |
| 23 | 0.007B | 0.006B | 0.004B | 0.015B | 38.8 | 5.47 | 0.996 | 2.74 | 2.99 | 1.75B | 0.240B | 0.130B | 23 |
| 24 | 0.007B | 0.006B | 0.004B | 0.025B | 33.4 | 6.09 | 1.56 | 2.74 | 2.86 | 1.65B | 0.230B | 0.120B | 24 |
| 25 | 0.007B | 0.006B | 0.004B | 0.035B | 28.8 | 5.80 | 1.87 | 2.78 | 2.71 | 1.55B | 0.230B | 0.120B | 25 |
| 26 | 0.005B | 0.006B | 0.004B | 0.061B | 24.2 | 5.34 | 1.80 | 2.66 | 2.61 | 1.45B | 0.220B | 0.120B | 26 |
| 27 | 0.005B | 0.006B | 0.004B | 0.110B | 20.8 | 4.88 | 1.73 | 2.61 | 2.57 | 1.40B | 0.220B | 0.110B | 27 |
| 28 | 0.005B | 0.006B | 0.004B | 0.190B | 18.2 | 4.50 | 1.49 | 2.45 | 2.68 | 1.30B | 0.220B | 0.110B | 28 |
| 29 | 0.005B | | 0.004B | 0.240B | 16.0 | 3.91 | 1.52 | 2.27 | 3.00 | 1.25B | 0.215B | 0.110B | 29 |
| 30 | 0.005B | | 0.004B | 0.300B | 14.0 | 3.60 | 1.52 | 2.13 | 3.26 | 1.15B | 0.210B | 0.100B | 30 |
| 31 | 0.005B | | 0.004B | | 12.2 | | 1.52 | 2.01 | | 1.10B | | 0.100B | 31 |
| TOTAL | 1.025 | 0.148 | 0.154 | 1.030 | 747.440 | 170.81 | 50.506 | 52.778 | 93.07 | 74.34 | 12.210 | 4.718 | TOTAL |
| MEAN | 0.033 | 0.005 | 0.005 | 0.034 | 24.1 | 5.69 | 1.63 | 1.70 | 3.10 | 2.40 | 0.407 | 0.152 | MEAN |
| MAX | 0.120 | 0.006 | 0.006 | 0.300 | 43.5 | 10.7 | 3.31 | 2.78 | 4.75 | 3.28 | 1.07 | 0.210 | MAX |
| MIN | 0.005 | 0.005 | 0.004 | 0.002 | 0.900 | 3.18 | 0.996 | 0.749 | 1.84 | 1.10 | 0.210 | 0.100 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.31
MAXIMUM DAILY, 43.5A ON MAY 22
MINIMUM DAILY, 0.002B ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 41 N
LONG 121 17 36 W
DRAINAGE AREA, 570 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 88.6 | JUL | 4 360 |
| FEB | 12.8 | AUG | 4 560 |
| MAR | 13.3 | SEP | 8 040 |
| APR | 89.0 | OCT | 6 420 |
| MAY | 64 600 | NOV | 1 050 |
| JUN | 14 800 | DEC | 408 |

TOTAL DISCHARGE, 104 000 dam³

## HAY RIVER NEAR HAY RIVER - STATION NO. 07OB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.98B | 1.57 B | 2.96 B | 2.41 B | 7.35B | 296 | 96.5 | 25.3 | 26.4 | 18.6 | 15.2 B | 4.17B | 1 |
| 2 | 1.89B | 1.61 B | 3.20 B | 3.09 B | 7.91B | 278 | 93.2 | 23.8 | 27.3 | 18.2 | 12.3 B | 3.96B | 2 |
| 3 | 1.91B | 1.63 B | 3.33 B | 3.85 B | 10.0 B | 260 | 89.7 | 22.8 | 29.4 | 17.8 | 13.1 B | 3.81B | 3 |
| 4 | 2.04B | 1.59 B | 3.53 B | 4.45 B | 7.40B | 245 | 86.9 | 22.1 | 29.4 | 17.8 | 11.7 B | 3.70B | 4 |
| 5 | 2.17B | 1.53 B | 3.74 B | 4.80 B | 10.1 B | 234 | 85.9 | 21.1 | 29.0 | 17.4 | 14.6 B | 3.67B | 5 |
| 6 | 2.12B | 1.45 B | 3.74 B | 4.89 B | 17.7 B | 223 | 83.8 | 20.8 | 28.4 | 17.3 | 18.4 B | 3.65B | 6 |
| 7 | 1.94B | 1.37 B | 3.74 B | 4.97 B | 37.7 B | 214 | 80.4 | 21.0E | 27.9 | 17.4 | 10.4 B | 3.53B | 7 |
| 8 | 1.63B | 1.09 B | 3.72 B | 4.82 B | 350 B | 204 | 77.8 | 20.6E | 27.4 | 17.1 | 7.91B | 3.42B | 8 |
| 9 | 1.53B | 0.936B | 3.70 B | 3.80 B | 657 B | 195 | 74.8 | 20.2E | 26.9 | 16.8 | 6.51B | 3.50B | 9 |
| 10 | 1.69B | 3.825B | 3.63 B | 3.29 B | 600 B | 188 | 71.5 | 19.8E | 26.6 | 17.2 | 6.10B | 3.40B | 10 |
| 11 | 1.68B | 0.751B | 2.93 B | 3.65 B | 550 B | 182 | 69.1 | 19.5E | 26.3 | 16.9 | 5.82B | 3.24B | 11 |
| 12 | 1.52B | 0.732B | 1.33 B | 5.27 B | 511 B | 175 | 65.3 | 19.2E | 25.1 | 17.0 | 5.69B | 3.14B | 12 |
| 13 | 1.45B | 0.741B | 0.565B | 3.13 B | 534 | 168 | 62.8 | 18.9E | 24.9 | 17.1 | 6.48B | 3.05B | 13 |
| 14 | 1.41B | 0.871B | 0.297B | 2.10 B | 547 | 164 | 60.3 | 20.6E | 25.3 | 16.7 | 6.33B | 2.86B | 14 |
| 15 | 1.27B | 1.10 B | 0.278B | 1.82 B | 547 | 158 | 56.0 | 22.0E | 25.7 | 16.4 | 6.08B | 2.70B | 15 |
| 16 | 1.35B | 1.66 B | 0.287B | 1.48 B | 550 | 152 | 53.5 | 24.0E | 26.1 | 15.9 B | 5.68B | 2.51B | 16 |
| 17 | 1.59B | 2.11 B | 0.398B | 1.26 B | 558 | 150 | 49.3 | 26.0E | 26.8 | 15.7 B | 5.34B | 2.41B | 17 |
| 18 | 1.71B | 2.31 B | 0.547B | 1.13 B | 576 | 143 | 45.1 | 28.0E | 26.7 | 15.4 B | 5.28B | 2.34B | 18 |
| 19 | 1.65B | 2.33 B | 0.667B | 1.02 B | 599 | 139 | 46.4 | 30.6E | 26.9 | 15.2 B | 5.28B | 2.22B | 19 |
| 20 | 1.45B | 2.22 B | 0.760B | 0.982B | 604 | 134 | 40.5 | 30.7E | 26.6 | 15.2 B | 5.10B | 2.18B | 20 |
| 21 | 1.43B | 2.12 B | 0.843B | 1.16 B | 593 | 130 | 37.5 | 30.4E | 25.7 | 13.7 B | 4.93B | 2.15B | 21 |
| 22 | 1.67B | 2.04 B | 0.871B | 1.22 B | 570 | 128 | 35.2 | 29.8E | 24.5 | 16.6 B | 5.21B | 2.14B | 22 |
| 23 | 2.05B | 2.10 B | 0.908B | 1.23 B | 548 | 122 | 33.9 | 28.9E | 23.5 | 14.4 B | 5.36B | 2.22B | 23 |
| 24 | 2.11B | 2.16 B | 0.945B | 1.14 B | 521 | 118 | 32.1 | 27.8E | 22.6 | 13.4 B | 5.27B | 2.27B | 24 |
| 25 | 2.20B | 2.22 B | 1.04 B | 1.41 B | 493 | 116 | 30.5 | 26.7A | 21.6 | 11.4 B | 5.10B | 2.26B | 25 |
| 26 | 2.27B | 2.27 B | 1.15 B | 1.58 B | 464 | 113 | 29.2 | 25.6 | 20.7 | 12.2 B | 4.76B | 2.23B | 26 |
| 27 | 2.10B | 2.34 B | 1.34 B | 2.08 B | 433 | 109 | 28.1 | 24.5 | 20.0 | 15.0 B | 4.82B | 2.15B | 27 |
| 28 | 1.69B | 2.51 B | 1.44 B | 2.09 B | 402 | 107 | 27.1 | 23.5 | 19.7 | 11.4 B | 4.88B | 2.09B | 28 |
| 29 | 1.44B | | 1.59 B | 3.16 B | 372 | 104 | 26.1 | 23.2 | 19.3 | 9.05B | 4.80B | 2.09B | 29 |
| 30 | 1.39B | | 1.76 B | 4.74 B | 341 | 100 | 25.6 | 23.6 | 18.9 | 10.0 B | 4.47B | 2.07B | 30 |
| 31 | 1.45B | | 2.03 B | | 316 | | 25.7 | 24.4 | | 14.2 B | | 2.06B | 31 |
| TOTAL | 53.74 | 46.186 | 57.266 | 82.022 | 12 334.16 | 5 049 | 1 719.8 | 785.8 | 755.6 | 478.45 | 218.90 | 87.19 | TOTAL |
| MEAN | 1.73 | 1.65 | 1.85 | 2.73 | 398 | 168 | 55.5 | 24.0 | 25.2 | 15.4 | 7.30 | 2.81 | MEAN |
| MAX | 2.27 | 2.51 | 3.74 | 5.27 | 657 | 296 | 96.5 | 30.7 | 29.4 | 18.6 | 15.2 | 4.17 | MAX |
| MIN | 1.27 | 0.732 | 0.278 | 0.982 | 7.35 | 100 | 25.6 | 18.9 | 18.9 | 9.05 | 4.47 | 2.06 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.3
MAXIMUM DAILY, 657B ON MAY 9
MINIMUM DAILY, 0.278B ON MAR 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 44 45 N
LONG 115 51 20 W
DRAINAGE AREA, 47 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 4 640 | JUL | 149 000 |
| FEB | 3 990 | AUG | 64 400 |
| MAR | 4 950 | SEP | 65 300 |
| APR | 7 090 | OCT | 41 300 |
| MAY | 1 070 000 | NOV | 18 900 |
| JUN | 436 000 | DEC | 7 530 |

TOTAL DISCHARGE, 1 870 000 dam³

## HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 10SB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 0B | 0B | 0 B | 0.500B | 2 140 | 210 | 189 | 77.3 | 10.5 B | 0B | 1 |
| 2 | --- | --- | 0B | 0B | 0 B | 0.600B | 1 860 | 215 | 182 | 76.3 | 9.20 B | 0B | 2 |
| 3 | --- | --- | 0B | 0B | 0 B | 0.700B | 1 590 | 217 | 175 | 72.1 | 8.50 B | 0B | 3 |
| 4 | --- | --- | 0B | 0B | 0 B | 0.800B | 1 380 | 217 | 166 | 71.0 | 7.50 B | 0B | 4 |
| 5 | --- | --- | 0B | 0B | 0 B | 1.00 B | 1 150 | 216 | 157 | 69.5 | 6.80 B | 0B | 5 |
| 6 | --- | --- | 0B | 0B | 0 B | 1.20 B | 953 | 209 | 152 | 67.9 | 6.00 B | 0B | 6 |
| 7 | --- | --- | 0B | 0B | 0 B | 1.40 B | 782 | 190 | 186 | 65.8 | 5.50 B | 0B | 7 |
| 8 | --- | --- | 0B | 0B | 0 B | 1.60 B | 652 | 174 | 313 | 64.0B | 4.80 B | 0B | 8 |
| 9 | --- | --- | 0B | 0B | 0 B | 1.80 B | 518 | 167 | 355 | 60.0B | 4.00 B | 0B | 9 |
| 10 | --- | --- | 0B | 0B | 0 B | 2.00 B | 545 | 160 | 377 | 56.0B | 3.50 B | 0B | 10 |
| 11 | --- | --- | 0B | 0B | 0 B | 2.80 B | 484 | 148 | 372 | 52.0B | 3.00 B | 0B | 11 |
| 12 | --- | --- | 0B | 0B | 0 B | 3.50 B | 435 | 165 | 342 | 49.0B | 2.50 B | 0B | 12 |
| 13 | --- | --- | 0B | 0B | 0 B | 5.00 B | 388 | 144 | 292 | 46.0B | 2.00 B | 0B | 13 |
| 14 | --- | --- | 0B | 0B | 0 B | 8.00 B | 351 | 145 | 242 | 42.5B | 1.50 B | 0B | 14 |
| 15 | --- | --- | 0B | 0B | 0 B | 10.0 B | 313 | 159 | 218 | 39.0B | 1.00 B | 0B | 15 |
| 16 | --- | --- | 0B | 0B | 0 B | 14.0 B | 279 | 192 | 195 | 37.0B | 0.800B | 0B | 16 |
| 17 | --- | --- | 0B | 0B | 0 B | 20.0 B | 255 | 216 | 188 | 34.5B | 0.600B | 0B | 17 |
| 18 | --- | --- | 0B | 0B | 0 B | 24.5 B | 230 | 226 | 188 | 32.0B | 0.400B | 0B | 18 |
| 19 | --- | --- | 0B | 0B | 0 B | 32.0 B | 208 | 228 | 177 | 30.0B | 0.200B | 0B | 19 |
| 20 | --- | --- | 0B | 0B | 0 B | 60.0 B | 199 | 227 | 155 | 28.0B | 0 B | 0B | 20 |
| 21 | --- | --- | 0B | 0B | 0 B | 140 B | 205 | 220 | 140 | 26.0B | 0 B | 0B | 21 |
| 22 | --- | --- | 0B | 0B | 0 B | 300 B | 280 | 207 | 125 | 24.8B | 0 B | 0B | 22 |
| 23 | --- | --- | 0B | 0B | 0 B | 660 B | 314 | 201 | 116 | 23.0B | 0 B | 0B | 23 |
| 24 | --- | --- | 0B | 0B | 0 B | 1 400 B | 316 | 191 | 102 | 21.5B | 0 B | 0B | 24 |
| 25 | --- | --- | 0B | 0B | 0 B | 3 390 | 322 | 188 | 91.1 | 20.5B | 0 B | 0B | 25 |
| 26 | --- | --- | 0B | 0B | 0 B | 3 310 | 310 | 219 | 86.3 | 19.0B | 0 B | 0B | 26 |
| 27 | --- | --- | 0B | 0B | 0.050B | 3 220 | 292 | 233 | 83.0 | 17.0B | 0 B | 0B | 27 |
| 28 | --- | --- | 0B | 0B | 0.100B | 3 090 | 270 | 230 | 79.8 | 15.5B | 0 B | 0B | 28 |
| 29 | --- | | 0B | 0B | 0.200B | 2 760 | 238 | 222 | 77.9 | 14.0B | 0 B | 0B | 29 |
| 30 | --- | | 0B | 0B | 0.300B | 2 430 | 225 | 208 | 77.4 | 12.5B | 0 B | 0B | 30 |
| 31 | --- | | 0B | | 0.400B | | 218 | 197 | | 11.5B | | 0B | 31 |
| TOTAL | --- | --- | 0 | 0 | 1.050 | 20 891.40 | 17 802 | 6 121 | 5 599.5 | 1 275.2 | 78.300 | 0 | TOTAL |
| MEAN | --- | --- | 0 | 0 | 0.034 | 696 | 574 | 197 | 187 | 41.1 | 2.61 | 0 | MEAN |
| MAX | --- | --- | 0 | 0 | 0.400 | 3 390 | 2 140 | 233 | 377 | 77.3 | 10.5 | 0 | MAX |
| MIN | --- | --- | 0 | 0 | 0 | 0.500 | 199 | 144 | 77.4 | 11.5 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 242
MAXIMUM DAILY, 3 390 ON JUN 25
MINIMUM DAILY, 0B ON MAY 1
MAXIMUM INSTANTANEOUS,
3 390 AT 00:50 CST ON JUN 25

SUMMARY FOR THE MONTHS MAY TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 32 00 N
LONG 94 05 00 W
DRAINAGE AREA, 17 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 1 540 000 |
| FEB | --- | AUG | 529 000 |
| MAR | 0 | SEP | 484 000 |
| APR | 0 | OCT | 110 000 |
| MAY | 98.7 | NOV | 6 770 |
| JUN | 1 810 000 | DEC | 0 |

TOTAL DISCHARGE, 4 480 000 dam³

NORTHWEST TERRITORIES

INDIN RIVER ABOVE CHALCO LAKE - STATION NO. 07EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.95B | 1.60 B | 0.926B | 0.600B | 0.500B | 11.8 | 20.5 | 9.64 | 5.95E | 3.72 | 3.80 | 2.01B | 1 |
| 2 | 2.88B | 1.56 B | 0.910B | 0.599B | 0.509B | 14.0 | 22.2 | 9.49 | 5.90E | 3.69 | 3.72 | 1.98B | 2 |
| 3 | 2.81B | 1.52 B | 0.899B | 0.585B | 0.520B | 16.1 | 25.0 | 9.18 | 5.80E | 3.72 | 3.87 | 1.95B | 3 |
| 4 | 2.77B | 1.50 B | 0.880B | 0.580B | 0.535B | 18.3 | 23.8 | 8.92 | 5.75E | 3.70 | 3.89 | 1.92B | 4 |
| 5 | 2.70B | 1.48 B | 0.865B | 0.578B | 0.549B | 20.6 | 22.6 | 8.73 | 5.65E | 3.64 | 3.94 | 1.90B | 5 |
| 6 | 2.66B | 1.46 B | 0.855B | 0.570B | 0.560B | 22.9 | 20.2A | 8.53 | 5.55E | 3.64 | 3.70 | 1.87B | 6 |
| 7 | 2.60B | 1.43 B | 0.840B | 0.561B | 0.589B | 25.9 | 19.5E | 8.47 | 5.50E | 3.76 | 3.54 | 1.85B | 7 |
| 8 | 2.58B | 1.40 B | 0.825B | 0.558B | 0.610B | 29.8 | 18.6E | 8.29 | 5.40E | 3.77 | 3.34B | 1.82B | 8 |
| 9 | 2.51B | 1.37 B | 0.819B | 0.550B | 0.639B | 30.6 | 18.0E | 8.07 | 5.30E | 3.77 | 3.20B | 1.80B | 9 |
| 10 | 2.48B | 1.35 B | 0.800B | 0.540B | 0.665B | 30.9 | 17.4E | 7.93 | 5.25E | 3.75 | 3.09B | 1.78B | 10 |
| 11 | 2.41B | 1.31 B | 0.795B | 0.540B | 0.720B | 31.9 | 16.8E | 7.77 | 5.15A | 3.79 | 3.01B | 1.75B | 11 |
| 12 | 2.38B | 1.29 B | 0.780B | 0.538B | 0.760B | 32.1 | 16.2E | 8.00 | 4.95 | 3.76 | 2.92B | 1.73B | 12 |
| 13 | 2.30B | 1.27 B | 0.770B | 0.535B | 0.840B | 33.0 | 15.7E | 8.18 | 4.90 | 3.69 | 2.84B | 1.70B | 13 |
| 14 | 2.27B | 1.24 B | 0.760B | 0.530B | 0.920B | 33.1 | 15.0E | 8.02 | 4.82 | 3.67 | 2.76B | 1.68B | 14 |
| 15 | 2.22B | 1.21 B | 0.750B | 0.522B | 1.04 B | 32.7 | 14.8E | 7.76 | 4.75 | 3.70 | 2.69B | 1.66B | 15 |
| 16 | 2.18B | 1.20 B | 0.740B | 0.519B | 1.14 B | 32.9 | 14.3E | 7.63A | 4.77 | 3.70 | 2.62B | 1.63B | 16 |
| 17 | 2.12B | 1.18 B | 0.725B | 0.516B | 1.50 B | 32.2 | 14.0E | 7.55E | 4.67 | 3.71 | 2.56B | 1.61B | 17 |
| 18 | 2.09B | 1.16 B | 0.719B | 0.505B | 2.00 B | 32.1 | 13.5E | 7.45E | 4.60 | 3.68 | 2.51B | 1.58B | 18 |
| 19 | 2.04B | 1.13 B | 0.701B | 0.501B | 2.60 B | 29.8 | 13.2E | 7.35E | 4.51 | 3.63 | 2.46B | 1.56B | 19 |
| 20 | 2.00B | 1.12 B | 0.690B | 0.500B | 3.30 B | 28.6 | 12.9E | 7.30E | 4.42A | 3.60 | 2.41B | 1.54B | 20 |
| 21 | 1.98B | 1.10 B | 0.680B | 0.499B | 4.65 E | 28.5 | 12.5E | 7.15E | 4.34 | 3.56 | 2.35B | 1.52B | 21 |
| 22 | 1.94B | 1.08 B | 0.678B | 0.493B | 5.40 E | 27.1 | 12.2E | 7.05E | 4.31 | 3.53 | 2.31B | 1.49B | 22 |
| 23 | 1.90B | 1.04 B | 0.665B | 0.490B | 5.99 E | 25.8 | 12.0E | 6.95E | 4.19 | 3.56 | 2.27B | 1.47B | 23 |
| 24 | 1.88B | 1.02 B | 0.660B | 0.489B | 6.01 E | 25.0 | 11.8E | 6.85E | 4.13 | 3.68 | 2.23B | 1.45B | 24 |
| 25 | 1.82B | 1.00 B | 0.650B | 0.488B | 6.15 A | 23.9 | 11.4E | 6.75E | 4.10 | 3.69 | 2.20B | 1.43B | 25 |
| 26 | 1.80B | 0.985B | 0.641B | 0.488B | 5.91 | 22.7 | 11.2E | 6.65E | 3.95 | 3.80 | 2.16B | 1.41B | 26 |
| 27 | 1.77B | 0.970B | 0.639B | 0.488B | 5.89 | 21.8 | 11.0E | 6.55E | 3.82 | 3.84 | 2.13B | 1.39B | 27 |
| 28 | 1.72B | 0.959B | 0.622B | 0.490B | 6.12 | 20.8 | 10.9A | 6.40E | 3.76 | 3.87 | 2.10B | 1.37B | 28 |
| 29 | 1.69B | | 0.620B | 0.495B | 6.60 | 19.4 | 10.6 | 6.35E | 3.73 | 3.77 | 2.07B | 1.35B | 29 |
| 30 | 1.66B | | 0.610B | 0.499B | 8.09 | 19.8 | 10.2 | 6.20E | 3.72 | 3.72 | 2.04B | 1.34B | 30 |
| 31 | 1.63B | | 0.601B | | 9.86 | | 10.0 | 6.10E | | 3.63 | | 1.32B | 31 |
| TOTAL | 68.74 | 34.934 | 23.115 | 15.846 | 91.166 | 774.1 | 478.0 | 237.26 | 143.64 | 116.74 | 84.73 | 50.86 | TOTAL |
| MEAN | 2.22 | 1.25 | 0.746 | 0.528 | 2.94 | 25.8 | 15.4 | 7.65 | 4.79 | 3.70 | 2.82 | 1.64 | MEAN |
| MAX | 2.95 | 1.60 | 0.926 | 0.600 | 9.86 | 33.1 | 25.0 | 9.64 | 5.95 | 3.87 | 3.94 | 2.01 | MAX |
| MIN | 1.63 | 0.959 | 0.601 | 0.488 | 0.500 | 11.8 | 10.0 | 6.10 | 3.72 | 3.53 | 2.04 | 1.32 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.80
MAXIMUM DAILY, 33.1 ON JUN 14
MINIMUM DAILY, 0.488B ON APR 25
MAXIMUM INSTANTANEOUS,
33.6 AT 19:00 MST ON JUN 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 24 20 N
LONG 115 02 30 W
DRAINAGE AREA, 1 790 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 940 | JUL | 41 300 |
| FEB | 3 020 | AUG | 20 500 |
| MAR | 2 000 | SEP | 12 400 |
| APR | 1 370 | OCT | 9 910 |
| MAY | 7 880 | NOV | 7 320 |
| JUN | 66 900 | DEC | 4 390 |

TOTAL DISCHARGE, 183 000 dam³

INNAN RIVER NEAR THE MOUTH - STATION NO. 10OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 0.240B | 192 | --- | --- | 0.760B | 0B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 0.336B | 163 | --- | --- | 0.690B | 0B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 0.440B | 143 | --- | --- | 0.620B | 0B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 0.590B | 129 | --- | --- | 0.550B | 0B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 0.730B | 108 | --- | --- | 0.500B | 0B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 0.920B | 94.5 | --- | --- | 0.440B | 0B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 1.16 B | --- | --- | --- | 0.390B | 0B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 1.80 B | --- | --- | --- | 0.330B | 0B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 1.74 B | --- | --- | --- | 0.280B | 0B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 2.06 B | --- | --- | --- | 0.250B | 0B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 2.30 B | --- | --- | --- | 0.220B | 0B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 2.60 B | --- | --- | --- | 0.170B | 0B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 3.00 B | --- | --- | --- | 0.120B | 0B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0 B | 4.00 B | --- | --- | --- | 0.090B | 0B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0 B | 8.00 B | --- | --- | --- | 0.060B | 0B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0 B | 20.0 B | --- | --- | --- | 0.020B | 0B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0 B | 46.0 B | --- | --- | --- | 0 B | 0B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0 B | 110 B | --- | --- | --- | 0 B | 0B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0 B | 250 B | --- | --- | --- | 0 B | 0B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0 B | 273 B | --- | --- | --- | 0 B | 0B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0 B | 284 B | --- | --- | --- | 0 B | 0B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0 B | 289 B | --- | --- | 1.67 A | 0 B | 0B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0 B | 293 B | --- | --- | 1.53 B | 0 B | 0B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0 B | 295 B | --- | --- | 1.42 B | 0 B | 0B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0 B | 296 B | --- | --- | 1.28 B | 0 B | 0B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0 B | 293 B | --- | --- | 1.28 B | 0 B | 0B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0 B | 289 B | --- | --- | 1.08 B | 0 B | 0B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0.020B | 286 B | --- | --- | 1.00 B | 0 B | 0B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 0.080B | 285 | --- | --- | 0.910B | 0 B | 0B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 0.130B | 241 | --- | --- | 0.830B | 0 B | 0B | 0B | 30 |
| 31 | 0B | | 0B | | 0.190B | | --- | --- | | 0 B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0.420 | 3 580.510 | --- | --- | --- | 5.090 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0.014 | 119 | --- | --- | --- | 0.177 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0.190 | 296 | --- | --- | --- | 0.760 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0.240 | --- | --- | --- | 0 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 296B ON JUN 25
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 05 45 N
LONG 118 28 42 W
DRAINAGE AREA, 2 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | --- |
| FEB | 0 | AUG | --- |
| MAR | 0 | SEP | --- |
| APR | 0 | OCT | 474 |
| MAY | 26.3 | NOV | 0 |
| JUN | 309 000 | DEC | 0 |

## JACKFISH CREEK NEAR FORT GOOD HOPE - STATION NO. 10LD002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 1.52 | 0.390 | 0.021 | 0.013 | 0.056 | 0B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 1.36 | 0.329 | 0.013 | 0.013 | 0.057 | 0B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 1.24 | 0.284 | 0.012 | 0.014 | 0.059 | 0B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 1.18 | 0.248 | 0.013 | 0.016 | 0.081 | 0B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 1.18 | 0.218 | 0.014 | 0.019 | 0.066 | 0B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 1.14 | 0.187 | 0.013 | 0.026 | 0.059 | 0B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 1.06 | 0.164 | 0.011 | 0.032 | 0.056 | 0B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 0.959 | 0.142 | 0.012 | 0.051 | 0.066 | 0B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 0.865 | 0.129 | 0.010 | 0.057 | 0.069 | 0B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 0.788 | 0.115 | 0.009 | 0.060 | 0.070 | 0B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 0.736 | 0.096 | 0.008 | 0.071 | 0.063 | 0B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0.030B | 0.676 | 0.083 | 0.010 | 0.107 | 0.073 | 0B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0.019B | 0.616 | 0.066 | 0.021 | 0.055 | 0.065 | 0B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0.050B | 0.573 | 0.059 | 0.019 | 0.052 | 0.062 | 0B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0.155B | 0.569 | 0.055 | 0.013 | 0.049 | 0.060B | 0B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0.295B | 0.593 | 0.048 | 0.012 | 0.048 | 0.058B | 0B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0.656B | 0.810 | 0.057 | 0.012 | 0.049 | 0.053B | 0B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 1.34 B | 0.927 | 0.050 | 0.011 | 0.046 | 0.049B | 0B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 3.50 B | 0.958 | 0.044 | 0.013 | 0.045 | 0.045B | 0B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 4.03 B | 0.989 | 0.041 | 0.017 | 0.046 | 0.040B | 0B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 4.23 B | 1.06 | 0.041 | 0.018 | 0.045 | 0.035B | 0B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 4.30 B | 1.10 | 0.032 | 0.017 | 0.045 | 0.033B | 0B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 4.20 E | 1.07 | 0.026 | 0.019 | 0.046 | 0.029B | 0B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 3.84 E | 0.961 | 0.022 | 0.019 | 0.047 | 0.025B | 0B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 3.48 E | 0.835 | 0.018 | 0.018 | 0.052 | 0.020B | 0B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 3.12 E | 0.742 | 0.019 | 0.016 | 0.053 | 0.017B | 0B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 2.78 | 0.651 | 0.021 | 0.013 | 0.052 | 0.014B | 0B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 2.38 | 0.572 | 0.022 | 0.013 | 0.051 | 0.010B | 0B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 2.11 | 0.504 | 0.020 | 0.012 | 0.050 | 0.006B | 0B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 1.90 | 0.440 | 0.018 | 0.013 | 0.053 | 0.002B | 0B | 0B | 30 |
| 31 | 0B | | 0B | | 1.69 | | 0.019 | 0.013 | | 0 B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 44.105 | 26.678 | 3.063 | 0.435 | 1.363 | 1.398 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 1.42 | 0.889 | 0.099 | 0.014 | 0.045 | 0.045 | 0 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 4.30 | 1.52 | 0.390 | 0.021 | 0.107 | 0.081 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0.440 | 0.018 | 0.008 | 0.013 | 0 | 0 | 0 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.211
MAXIMUM DAILY, 4.30B ON MAY 22
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 15 43 N
LONG 128 35 02 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 265 |
| FEB | 0 | AUG | 37.6 |
| MAR | 0 | SEP | 118 |
| APR | 0 | OCT | 121 |
| MAY | 3 810 | NOV | 0 |
| JUN | 2 300 | DEC | 0 |

TOTAL DISCHARGE, 6 650 dam³

## JEAN-MARIE RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FB005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.780B | 0.420B | 0.220B | 0.169B | 1.21B | 18.0 | 1.85 | 1.83 | 5.42 | 3.60 | 4.00B | 1.25 B | 1 |
| 2 | 0.788B | 0.410B | 0.210B | 0.166B | 1.13B | 16.8 | 1.64 | 2.00 | 5.06 | 3.72 | 3.95B | 1.23 B | 2 |
| 3 | 0.774B | 0.400B | 0.210B | 0.170B | 7.24B | 16.0 | 1.54 | 2.09 | 4.76 | 4.05 | 3.85B | 1.09 B | 3 |
| 4 | 0.749B | 0.390B | 0.210B | 0.174B | 15.4 B | 14.4 | 1.44 | 2.19 | 4.53 | 4.33 | 3.80B | 0.940B | 4 |
| 5 | 0.728B | 0.380B | 0.210B | 0.177B | 13.1 B | 13.4 | 1.41 | 2.22 | 4.31 | 4.50 | 3.65B | 0.890B | 5 |
| 6 | 0.701B | 0.370B | 0.210B | 0.183B | 17.6 B | 12.4 | 1.27 | 2.25 | 4.09 | 4.77 | 3.50B | 0.865B | 6 |
| 7 | 0.672B | 0.360B | 0.200B | 0.198B | 22.5 B | 11.2 | 1.23 | 2.24 | 3.85 | 4.85 | 3.45B | 0.769B | 7 |
| 8 | 0.630B | 0.350B | 0.200B | 0.214B | 26.3 B | 10.1 | 1.08 | 2.22 | 3.76 | 4.98 | 3.37B | 0.745B | 8 |
| 9 | 0.604B | 0.350B | 0.200B | 0.218B | 29.4 B | 9.35 | 1.06 | 2.11 | 3.89 | 5.07 | 3.29B | 0.740B | 9 |
| 10 | 0.584B | 0.340B | 0.200B | 0.214B | 31.3 | 8.82 | 1.01 | 2.15 | 4.09 | 5.03 | 3.28B | 0.737B | 10 |
| 11 | 0.575B | 0.330B | 0.200B | 0.208B | 33.4 | 8.45 | 1.28 | 2.16 | 4.12 | 4.84 | 3.25B | 0.723B | 11 |
| 12 | 0.570B | 0.320B | 0.190B | 0.172B | 36.5 | 8.06 | 1.40 | 2.19 | 4.05 | 4.74 | 3.26B | 0.638B | 12 |
| 13 | 0.580B | 0.320B | 0.190B | 0.164B | 38.8 | 7.53 | 1.61 | 2.20 | 3.93 | 4.69 | 3.31B | 0.606B | 13 |
| 14 | 0.590B | 0.310B | 0.190B | 0.159B | 42.1 | 7.08 | 1.91 | 2.43 | 3.77 | 4.41 | 3.31B | 0.608B | 14 |
| 15 | 0.600B | 0.300B | 0.190B | 0.159B | 47.7 | 6.74 | 2.23 | 2.66 | 3.68 | 4.29 | 3.27B | 0.601B | 15 |
| 16 | 0.600B | 0.290B | 0.190B | 0.155B | 56.7 | 6.51 | 2.42 | 2.82 | 3.62 | 4.42 | 3.20B | 0.600B | 16 |
| 17 | 0.600B | 0.290B | 0.186B | 0.150B | 66.7 | 6.22 | 2.52 | 2.89 | 3.42 | 4.47 | 2.98B | 0.600B | 17 |
| 18 | 0.596B | 0.280B | 0.202B | 0.147B | 75.1 | 5.90 | 2.46 | 3.09 | 3.34 | 4.51 | 2.68B | 0.600B | 18 |
| 19 | 0.580B | 0.270B | 0.203B | 0.142B | 78.5 | 5.56 | 2.75 | 3.92 | 3.22 | 4.25 | 2.48B | 0.595B | 19 |
| 20 | 0.560B | 0.270B | 0.193B | 0.206B | 76.6 | 5.26 | 2.86 | 5.49 | 3.21 | 4.09 | 2.28B | 0.590B | 20 |
| 21 | 0.550B | 0.260B | 0.210B | 0.248B | 70.8 | 4.77 | 2.86 | 6.90 | 3.06 | 4.08 | 1.98B | 0.585B | 21 |
| 22 | 0.540B | 0.250B | 0.217B | 0.263B | 64.1 | 4.25 | 2.83 | 7.90 | 3.02 | 3.91 | 1.88B | 0.585B | 22 |
| 23 | 0.520B | 0.250B | 0.218B | 0.281B | 56.4 | 4.04 | 2.68 | 8.50 | 3.00 | 3.31 | 1.78B | 0.580B | 23 |
| 24 | 0.510B | 0.240B | 0.219B | 0.265B | 48.8 | 3.73 | 2.50 | 8.63 | 2.88 | 4.05 | 1.63B | 0.580B | 24 |
| 25 | 0.500B | 0.240B | 0.187B | 0.232B | 41.9 | 3.41 | 2.30 | 8.56 | 2.86 | 3.99 | 1.55B | 0.580B | 25 |
| 26 | 0.490B | 0.230B | 0.198B | 0.418B | 36.6 | 3.17 | 2.07 | 8.16 | 2.78 | 3.97 | 1.45B | 0.578B | 26 |
| 27 | 0.480B | 0.230B | 0.194B | 0.540B | 32.0 | 2.92 | 1.93 | 7.73 | 2.69 | 3.90B | 1.44B | 0.578B | 27 |
| 28 | 0.460B | 0.220B | 0.199B | 0.680B | 28.0 | 2.59 | 1.75 | 7.25 | 2.92 | 3.90B | 1.45B | 0.570B | 28 |
| 29 | 0.450B | | 0.197B | 0.910B | 24.7 | 2.32 | 1.63 | 6.76 | 3.30 | 3.90B | 1.32B | 0.570B | 29 |
| 30 | 0.440B | | 0.199B | 1.27 B | 21.9 | 2.12 | 1.54 | 6.31 | 3.51 | 3.95B | 1.25B | 0.560B | 30 |
| 31 | 0.430B | | 0.182B | | 19.8 | | 1.68 | 5.82 | | 4.00B | | 0.560B | 31 |
| TOTAL | 18.339 | 8.670 | 6.215 | 8.656 | 1 162.08 | 231.10 | 58.74 | 133.67 | 110.18 | 133.39 | 81.58 | 21.736 | TOTAL |
| MEAN | 0.588 | 0.310 | 0.200 | 0.289 | 37.5 | 7.70 | 1.89 | 4.31 | 3.67 | 4.30 | 2.72 | 0.701 | MEAN |
| MAX | 0.788 | 0.420 | 0.220 | 1.27 | 78.5 | 18.0 | 2.86 | 8.63 | 5.42 | 5.07 | 4.00 | 1.25 | MAX |
| MIN | 0.430 | 0.220 | 0.182 | 0.142 | 1.13 | 2.12 | 1.01 | 1.83 | 2.69 | 3.60 | 1.25 | 0.560 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.41
MAXIMUM DAILY, 78.5 ON MAY 19
MINIMUM DAILY, 0.142B ON APR 19
MAXIMUM INSTANTANEOUS,
78.9 AT 11:13 MST ON MAY 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 27 00 N
LONG 121 15 00 W
DRAINAGE AREA, 1 310 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 580 | JUL | 5 650 |
| FEB | 749 | AUG | 11 540 |
| MAR | 537 | SEP | 9 530 |
| APR | 748 | OCT | 11 540 |
| MAY | 100 000 | NOV | 7 050 |
| JUN | 26 000 | DEC | 1 880 |

TOTAL DISCHARGE, 178 000 dam³

## JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.57B | 3.15B | 2.34B | 1.68B | 2.41B | 241 | 108 | 41.5 | 48.8E | 42.5 | 33.0B | 21.0B | 1 |
| 2 | 4.50B | 3.12B | 2.32B | 1.68B | 2.40B | 233 | 102 | 41.9 | 48.4E | 43.5 | 32.3B | 20.7B | 2 |
| 3 | 4.60B | 3.08B | 2.29B | 1.68B | 2.57B | 220 | 96.5 | 41.0 | 48.0E | 44.7 | 31.7B | 20.4B | 3 |
| 4 | 4.39B | 3.04B | 2.26B | 1.68B | 2.67B | 217 | 91.4 | 40.1 | 47.6E | 45.7 | 31.0B | 20.2B | 4 |
| 5 | 4.33B | 3.01B | 2.24B | 1.68B | 2.78B | 222 | 86.7 | 39.3 | 47.2E | 46.8 | 30.4B | 20.0B | 5 |
| 6 | 4.28B | 2.99B | 2.22B | 1.68B | 2.90B | 226 | 82.1 | 38.7 | 46.8E | 47.3 | 29.8B | 19.9B | 6 |
| 7 | 4.22B | 2.97B | 2.20B | 1.69B | 3.06B | 225 | 77.9 | 37.9 | 46.3E | 48.1 | 29.4B | 19.7B | 7 |
| 8 | 4.18B | 2.93B | 2.17B | 1.70B | 3.25B | 224 | 73.8 | 37.2 | 45.9E | 48.9 | 28.8B | 19.6B | 8 |
| 9 | 4.11B | 2.90B | 2.15B | 1.71B | 3.50B | 218 | 70.7 | 36.7 | 45.5E | 49.9 | 28.3B | 19.4B | 9 |
| 10 | 4.06B | 2.87B | 2.13B | 1.72B | 3.94B | 212 | 68.7 | 35.9 | 45.1E | 51.3 | 27.9B | 19.0B | 10 |
| 11 | 4.01B | 2.84B | 2.11B | 1.73B | 4.41B | 205 | 66.2 | 36.2 | 44.7E | 51.3 | 27.5B | 18.8B | 11 |
| 12 | 3.98B | 2.82B | 2.08B | 1.74B | 5.08B | 197 | 63.6 | 35.6 | 44.3E | 52.1 | 27.0B | 18.6B | 12 |
| 13 | 3.92B | 2.79B | 2.06B | 1.76B | 5.91B | 189 | 62.3 | 37.0 | 43.8E | 52.1 | 26.6B | 18.4B | 13 |
| 14 | 3.87B | 2.76B | 2.04B | 1.78B | 7.09B | 181 | 61.4 | 37.5 | 43.4E | 52.1 | 26.3B | 18.2B | 14 |
| 15 | 3.82B | 2.74B | 2.02B | 1.80B | 8.80B | 172 | 59.1 | 37.9 | 43.0E | 50.5 | 25.9B | 18.1B | 15 |
| 16 | 3.78B | 2.71B | 2.01B | 1.82B | 13.4 B | 164 | 56.8 | 38.3 | 42.6E | 48.6B | 25.4B | 17.9B | 16 |
| 17 | 3.73B | 2.69B | 1.99B | 1.84B | 90.0 B | 159 | 55.8 | 38.5 | 42.2E | 47.2B | 25.1B | 17.7B | 17 |
| 18 | 3.69B | 2.65B | 1.96B | 1.87B | 355 B | 155 | 54.2 | 38.6 | 41.8E | 45.6B | 24.9B | 17.6B | 18 |
| 19 | 3.65B | 2.64B | 1.94B | 1.89B | 368 B | 153 | 52.2 | 38.8 | 41.3E | 44.6B | 24.5B | 17.4B | 19 |
| 20 | 3.60B | 2.61B | 1.91B | 1.91B | 367 B | 152 | 51.0 | 40.3 | 40.7A | 43.2B | 24.1B | 17.2B | 20 |
| 21 | 3.56B | 2.59B | 1.89B | 1.96B | 358 B | 150 | 48.9 | 44.6 | 40.5 | 42.2B | 23.8B | 17.0B | 21 |
| 22 | 3.52B | 2.57B | 1.87B | 2.02B | 345 | 147 | 48.8 | 48.4 | 39.9 | 41.0B | 23.4B | 16.8B | 22 |
| 23 | 3.49B | 2.52B | 1.83B | 2.04B | 349 | 143 | 48.3 | 50.8 | 39.1 | 40.2B | 23.2B | 16.7B | 23 |
| 24 | 3.44B | 2.50B | 1.81B | 2.07B | 356 | 140 | 47.6 | 52.7 | 39.2 | 39.3B | 22.8B | 16.6B | 24 |
| 25 | 3.40B | 2.48B | 1.79B | 2.11B | 350 | 135 | 45.8 | 52.2 | 39.1 | 38.2B | 22.6B | 16.4B | 25 |
| 26 | 3.37B | 2.45B | 1.77B | 2.15B | 341 | 131 | 45.4 | 51.9 | 39.0 | 37.4B | 22.4B | 16.3B | 26 |
| 27 | 3.33B | 2.43B | 1.75B | 2.19B | 326 | 125 | 44.0 | 51.5 | 39.0 | 36.6B | 22.0B | 16.2B | 27 |
| 28 | 3.29B | 2.40B | 1.72B | 2.23B | 305 | 120 | 43.4 | 50.5 | 39.1 | 35.8B | 21.7B | 16.0B | 28 |
| 29 | 3.25B | | 1.71B | 2.29B | 287 | 114 | 42.7 | 50.5A | 39.7 | 35.0B | 21.4B | 15.9B | 29 |
| 30 | 3.22B | | 1.70B | 2.35B | 271 | 111 | 42.0 | 49.7E | 40.4 | 34.3B | 21.2B | 15.7B | 30 |
| 31 | 3.18B | | 1.69B | | 255 | | 41.6 | 49.3E | | 33.6B | | 15.6B | 31 |
| TOTAL | 118.18 | 77.26 | 61.97 | 56.45 | 4 797.25 | 5 285 | 1 938.9 | 1 321.0 | 1 292.4 | 1 369.6 | 784.4 | 558.9 | TOTAL |
| MEAN | 3.81 | 2.76 | 2.00 | 1.88 | 155 | 176 | 62.5 | 42.6 | 43.1 | 44.2 | 26.1 | 18.0 | MEAN |
| MAX | 4.57 | 3.15 | 2.34 | 2.35 | 368 | 241 | 108 | 52.7 | 48.8 | 52.1 | 33.0 | 21.0 | MAX |
| MIN | 3.18 | 2.40 | 1.69 | 1.68 | 2.41 | 111 | 41.6 | 35.6 | 39.0 | 33.6 | 21.2 | 15.6 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.4
MAXIMUM DAILY, 368B ON MAY 19
MINIMUM DAILY, 1.68B ON APR 1

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 34 00 N
LONG 121 44 30 W
DRAINAGE AREA, 13 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 10 200 | JUL | 168 000 |
| FEB | 6 680 | AUG | 114 000 |
| MAR | 5 350 | SEP | 112 000 |
| APR | 4 880 | OCT | 118 000 |
| MAY | 414 000 | NOV | 67 800 |
| JUN | 457 000 | DEC | 48 300 |

TOTAL DISCHARGE, 1 530 000 dam³

## JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10KA006

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 3.14 | 0.528 | 0.400 | 0.557 | 0.662 | 0.200B | 0.008B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 2.86 | 0.456 | 0.390 | 0.592 | 0.704 | 0.190B | 0.006B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 3.13 | 0.392 | 0.354 | 0.590 | 0.716 | 0.176B | 0.004B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0.003B | 4.46 | 0.322 | 0.354 | 0.592 | 0.726B | 0.165B | 0.002B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0.012B | 4.63 | 0.285 | 0.368 | 0.583 | 0.680B | 0.153B | 0.001B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0.023B | 4.01 | 0.233 | 0.435 | 0.570 | 0.640B | 0.142B | 0 B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0.040B | 2.93 | 0.163 | 0.462 | 0.568 | 0.604B | 0.133B | 0 B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0.057B | 2.38 | 0.138 | 0.436 | 0.573 | 0.566B | 0.124B | 0 B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0.080B | 1.92 | 0.066 | 0.362 | 0.557 | 0.540B | 0.113B | 0 B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0.110B | 1.70 | 0.189 | 0.305 | 0.533 | 0.510B | 0.105B | 0 B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0.150B | 1.54 | 0.296 | 0.413 | 0.536 | 0.484B | 0.100B | 0 B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0.200B | 1.36 | 0.261 | 1.33 | 0.528 | 0.460B | 0.092B | 0 B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0.300B | 1.27 | 0.202 | 2.60 | 0.527 | 0.438B | 0.086B | 0 B | 13 |
| 14 | 0B | 0B | 0B | 0B | 1.20 B | 1.21 | 0.211 | 2.88 | 0.521 | 0.416B | 0.078B | 0 B | 14 |
| 15 | 0B | 0B | 0B | 0B | 6.50 B | 1.24 | 0.173 | 2.33 | 0.523 | 0.396B | 0.072B | 0 B | 15 |
| 16 | 0B | 0B | 0B | 0B | 11.0 B | 1.56 | 0.149 | 1.78 | 0.520 | 0.377B | 0.068B | 0 B | 16 |
| 17 | 0B | 0B | 0B | 0B | 11.7 B | 2.37 | 0.164 | 1.43 | 0.524 | 0.360B | 0.062B | 0 B | 17 |
| 18 | 0B | 0B | 0B | 0B | 12.2 B | 2.55 | 0.330 | 1.23 | 0.511 | 0.344B | 0.056B | 0 B | 18 |
| 19 | 0B | 0B | 0B | 0B | 12.3 B | 2.34 | 0.381 | 1.18 | 0.509 | 0.328B | 0.050B | 0 B | 19 |
| 20 | 0B | 0B | 0B | 0B | 12.3 | 2.19 | 0.389 | 1.02 | 0.516 | 0.316B | 0.047B | 0 B | 20 |
| 21 | 0B | 0B | 0B | 0B | 11.2 | 1.91 | 0.366 | 0.924 | 0.487 | 0.303B | 0.042B | 0 B | 21 |
| 22 | 0B | 0B | 0B | 0B | 10.3 | 1.55 | 0.311 | 0.859 | 0.493 | 0.290B | 0.037B | 0 B | 22 |
| 23 | 0B | 0B | 0B | 0B | 9.38 | 1.40 | 0.269 | 0.859 | 0.506 | 0.278B | 0.033B | 0 B | 23 |
| 24 | 0B | 0B | 0B | 0B | 8.36 | 1.19 | 0.266 | 0.834 | 0.525 | 0.267B | 0.030B | 0 B | 24 |
| 25 | 0B | 0B | 0B | 0B | 7.28 | 1.06 | 0.243 | 0.778 | 0.534 | 0.257B | 0.026B | 0 B | 25 |
| 26 | 0B | 0B | 0B | 0B | 5.92 | 0.932 | 0.280 | 0.757 | 0.532 | 0.248B | 0.023B | 0 B | 26 |
| 27 | 0B | 0B | 0B | 0B | 5.78 | 0.868 | 0.470 | 0.694 | 0.544 | 0.239B | 0.018B | 0 B | 27 |
| 28 | 0B | 0B | 0B | 0B | 6.45 | 0.729 | 0.492 | 0.650 | 0.537 | 0.231B | 0.016B | 0 B | 28 |
| 29 | 0B | | 0B | 0B | 3.99 | 0.636 | 0.498 | 0.626 | 0.529 | 0.223B | 0.013B | 0 B | 29 |
| 30 | 0B | | 0B | 0B | 3.84 | 0.569 | 0.472 | 0.606 | 0.548 | 0.215B | 0.010B | 0 B | 30 |
| 31 | 0B | | 0B | | 3.69 | | 0.449 | 0.559 | | 0.207B | | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 181.765 | 59.626 | 9.444 | 28.125 | 16.175 | 13.025 | 3.460 | 0.021 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 5.57 | 1.99 | 0.305 | 0.907 | 0.539 | 0.420 | 0.082 | 0.001 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 12.3 | 4.63 | 0.528 | 2.88 | 0.592 | 0.726 | 0.200 | 0.008 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0.569 | 0.066 | 0.305 | 0.493 | 0.207 | 0.010 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.741
MAXIMUM DAILY, 12.3B ON MAY 19
MINIMUM DAILY, 0B ON JAN 1

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 03 46 N
LONG 126 04 07 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 816 |
| FEB | 0 | AUG | 2 430 |
| MAR | 0 | SEP | 1 660 |
| APR | 0 | OCT | 1 130 |
| MAY | 12 200 | NOV | 213 |
| JUN | 5 150 | DEC | 1.81 |

TOTAL DISCHARGE, 23 300 dam³

## KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.04B | 5.65B | 6.63B | 5.88B | 9.98 | 120 | 170 | 59.3 | 40.2 | 37.7 | 21.6B | 21.5B | 1 |
| 2 | 5.06B | 5.75B | 6.67B | 6.01B | 10.5 | 127 | 165 | 57.5 | 38.4 | 34.2 | 20.9B | 21.5B | 2 |
| 3 | 5.11B | 5.86B | 6.67B | 5.99B | 10.7 | 138 | 160 | 57.5 | 40.5 | [illegible].9 | 19.4B | 21.7B | 3 |
| 4 | 5.12B | 5.94B | 6.74B | 5.95B | 11.8 | 139 | 153 | 57.1 | 38.5 | 33.1 | 18.9B | 21.8B | 4 |
| 5 | 5.16B | 5.98B | 6.78B | 5.92B | 12.4 | 146 | 151 | 56.6 | 38.8 | 33.8 | 19.5B | 22.1B | 5 |
| 6 | 5.16B | 5.75B | 6.78B | 5.85B | 12.6 | 152 | 147 | 55.8 | 39.2 | 34.0 | 19.7B | 22.2B | 6 |
| 7 | 5.10B | 6.71B | 6.78B | 5.70B | 12.8 | 157 | 143 | 53.9 | 40.8 | 33.9 | 19.8B | 22.2B | 7 |
| 8 | 5.03B | 5.85B | 6.89B | 5.58B | 13.2 | 163 | 140 | 53.1 | 42.3 | 33.3 | 19.6B | 22.5B | 8 |
| 9 | 5.07B | 5.94B | 6.89B | 5.60B | 14.0 | 168 | 136 | 52.2 | 39.0 | 33.1 | 19.6B | 22.3B | 9 |
| 10 | 5.13B | 5.95B | 6.86B | 5.49B | 14.9 | 172 | 129 | 51.6 | 39.3 | 32.1 | 19.1B | 22.5B | 10 |
| 11 | 5.21B | 5.89B | 6.94B | 5.55B | 16.1 | 176 | 126 | 53.2 | 40.5 | 32.7 | 18.3B | 22.5B | 11 |
| 12 | 5.12B | 5.88B | 6.99B | 5.46B | 18.1 | 180 | 122 | 53.8 | 38.9 | 31.7 | 18.5B | 22.2B | 12 |
| 13 | 5.12B | 5.96B | 6.85B | 5.33B | 19.8 | 185 | 119 | 55.9 | 38.2 | 31.1 | 18.9B | 22.2B | 13 |
| 14 | 5.00B | 6.05B | 6.74B | 5.57B | 21.9 | 186 | 115 | 55.9 | 39.7 | 31.9 | 19.3B | 21.9B | 14 |
| 15 | 4.92B | 6.15B | 6.81B | 5.41B | 24.7 | 179 | 109 | 52.1 | 38.8 | 27.8 | 20.0B | 21.7B | 15 |
| 16 | 5.07B | 6.15B | 6.73B | 5.57B | 26.6 | 180 | 105 | 50.9 | 37.9 | 26.7 | 20.3B | 21.6B | 16 |
| 17 | 5.16B | 6.18B | 6.69B | 5.57B | 28.5 | 184 | 104 | 49.9 | 38.1 | 29.1 | 20.5B | 21.4B | 17 |
| 18 | 5.18B | 6.26B | 6.77B | 5.59B | 30.4 | 183 | 103 | 52.1 | 37.2 | 29.4 | 20.7B | 21.2B | 18 |
| 19 | 5.21B | 6.26B | 6.73B | 5.56B | 34.1 | 175 | 100 | 54.9 | 37.5 | 28.3 | 20.8B | 20.9B | 19 |
| 20 | 5.26B | 6.29B | 6.68B | 5.55B | 36.4 | 181 | 96.7 | 51.0 | 37.4 | 26.9 | 21.0B | 20.7B | 20 |
| 21 | 5.32B | 6.33B | 6.63B | 5.91B | 37.4 | 185 | 90.3 | 49.6 | 36.9 | 26.2 | 21.1B | 20.5B | 21 |
| 22 | 5.34B | 6.37B | 6.48B | 6.32B | 43.5 | 189 | 85.9 | 48.3 | 36.0 | 25.2 | 21.3B | 20.5B | 22 |
| 23 | 5.35B | 6.41B | 6.43B | 6.71B | 44.7 | 189 | 84.0 | 49.2 | 36.7 | 28.8B | 21.4B | 20.3B | 23 |
| 24 | 5.35B | 6.44B | 6.38B | 7.12B | 52.6 | 190 | 81.0 | 47.0 | 36.8 | 23.2B | 21.4B | 20.2B | 24 |
| 25 | 5.35B | 6.44B | 6.13B | 7.56B | 67.0 | 191 | 78.9 | 46.3 | 37.4 | 23.3B | 21.1B | 20.1B | 25 |
| 26 | 5.42B | 6.52B | 6.27B | 8.01B | 77.2 | 193 | 75.3 | 44.4 | 38.1 | 23.3B | 21.4B | 19.9B | 26 |
| 27 | 5.49B | 6.55B | 6.30B | 8.59 | 83.8 | 191 | 78.3 | 41.8 | 33.8 | 25.7B | 21.5B | 19.6B | 27 |
| 28 | 5.50B | 6.55B | 6.18B | 8.88 | 92.2 | 184 | 68.6 | 43.0 | 35.3 | 19.3B | 21.5B | 19.3B | 28 |
| 29 | 5.53B | | 6.11B | 9.32 | 97.6 | 179 | 66.7 | 41.9 | 36.3 | 22.9B | 21.4B | 19.2B | 29 |
| 30 | 5.60B | | 6.05B | 9.79 | 106 | 175 | 65.4 | 41.6 | 35.5 | 23.0B | 21.6B | 19.2B | 30 |
| 31 | 5.64B | | 6.03B | | 114 | | 58.3 | 42.0 | | 22.1B | | 18.9B | 31 |
| TOTAL | 162.12 | 172.06 | 204.52 | 191.33 | 1 195.48 | 5 147 | 3 426.4 | 1 579.4 | 1 140.0 | 896.7 | 610.1 | 654.3 | TOTAL |
| MEAN | 5.23 | 6.15 | 6.60 | 6.38 | 38.6 | 172 | 111 | 50.9 | 38.0 | 28.9 | 20.3 | 21.1 | MEAN |
| MAX | 5.64 | 6.71 | 6.94 | 9.79 | 114 | 193 | 170 | 59.3 | 42.3 | 37.7 | 21.6 | 22.5 | MAX |
| MIN | 4.92 | 5.65 | 6.03 | 5.32 | 9.98 | 120 | 58.3 | 41.6 | 33.8 | 19.3 | 18.3 | 18.9 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 62.1
MAXIMUM DAILY, 193 ON JUN 26
MINIMUM DAILY, 4.92B ON JAN 15
MAXIMUM INSTANTANEOUS,
200 AT 11:23 MST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 56 15 N
LONG 117 25 00 W
DRAINAGE AREA, 14 900 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 14 000 | JUL | 296 000 |
| FEB | 14 900 | AUG | 136 000 |
| MAR | 17 700 | SEP | 98 500 |
| APR | 16 500 | OCT | 77 500 |
| MAY | 103 000 | NOV | 52 700 |
| JUN | 445 000 | DEC | 56 500 |

TOTAL DISCHARGE, 1 330 000 dam³

## KASAN RIVER ABOVE KASAN FALLS - STATION NO. 06LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 105 B | 56.0B | 47.4B | 46.4B | 46.0B | 48.3B | 1 140 | 898 | 618 | 570 | 435B | 390B | 1 |
| 2 | 103 B | 55.0B | 47.3B | 46.3B | 46.0B | 48.4B | 1 140 | 887 | 612 | 562 | 434B | 389B | 2 |
| 3 | 101 B | 54.0B | 47.3B | 46.3B | 46.0B | 49.0B | 1 140 | 877 | 606 | 557 | 432B | 388B | 3 |
| 4 | 99.0B | 53.0B | 47.2B | 46.3B | 46.0B | 49.5B | 1 130 | 868 | 610 | 524 | 430B | 387B | 4 |
| 5 | 97.0B | 52.5B | 47.2B | 46.3B | 46.0B | 50.0B | 1 130 | 857 | 604 | 507 | 428B | 386B | 5 |
| 6 | 95.0B | 51.5B | 47.1B | 46.2B | 46.0B | 50.5B | 1 120 | 847 | 604 | 492 | 427B | 385B | 6 |
| 7 | 93.5B | 51.0B | 47.1B | 46.2B | 46.0B | 51.9B | 1 120 | 846 | 596 | 508 | 426B | 383B | 7 |
| 8 | 92.0B | 50.0B | 47.0B | 46.2B | 46.0B | 53.9B | 1 110 | 835 | 587 | 527 | 425B | 382B | 8 |
| 9 | 90.0B | 49.9B | 47.0B | 46.2B | 46.0B | 56.5B | 1 100 | 823 | 582 | 540 | 423B | 380B | 9 |
| 10 | 88.5B | 49.0B | 47.0B | 46.2B | 46.0B | 62.0B | 1 080 | 818 | 570 | 548 | 421B | 379B | 10 |
| 11 | 87.0B | 48.9B | 47.0B | 46.1B | 46.0B | 80.0B | 1 070 | 808 | 559 | 558 | 420B | 378B | 11 |
| 12 | 85.0B | 48.0B | 46.9B | 46.1B | 46.0B | 150 B | 1 050 | 794 | 562 | 548 | 419B | 376B | 12 |
| 13 | 83.5B | 47.9B | 46.9B | 46.1B | 46.0B | 280 B | 1 040 | 803 | 575 | 548 | 417B | 375B | 13 |
| 14 | 82.0B | 47.9B | 46.9B | 46.1B | 46.0B | 560 B | 1 030 | 794 | 571 | 545 | 415B | 373B | 14 |
| 15 | 80.0B | 47.9B | 46.8B | 46.1B | 46.0B | 960 B | 1 040 | 797 | 557 | 535 | 413B | 372B | 15 |
| 16 | 78.0B | 47.7B | 46.8B | 46.1B | 46.0B | 1 060 B | 1 040 | 794 | 555 | 509 | 412B | 370B | 16 |
| 17 | 77.0B | 47.7B | 46.8B | 46.1B | 46.0B | 1 030 B | 1 040 | 787 | 555 | 496 | 410B | 369B | 17 |
| 18 | 75.0B | 47.7B | 46.8B | 46.0B | 46.1B | 1 020 B | 1 030 | 767 | 555 | 419 | 408B | 368B | 18 |
| 19 | 73.0B | 47.7B | 46.7B | 46.0B | 46.1B | 1 010 B | 1 030 | 749 | 566 | 416 | 407B | 367B | 19 |
| 20 | 71.5B | 47.7B | 46.7B | 46.0B | 46.1B | 1 020 B | 1 020 | 744 | 577 | 445B | 405B | 366B | 20 |
| 21 | 70.0B | 47.7B | 46.6B | 46.0B | 46.1B | 1 030 E | 1 010 | 737 | 583 | 458B | 404B | 365B | 21 |
| 22 | 68.0B | 47.7B | 46.6B | 46.0B | 46.2B | 1 040 A | 1 000 | 724 | 581 | 458B | 402B | 363B | 22 |
| 23 | 67.0B | 47.6B | 46.6B | 46.0B | 46.2B | 1 050 | 994 | 729 | 589 | 448B | 401B | 362B | 23 |
| 24 | 65.5B | 47.6B | 46.5B | 46.0B | 46.4B | 1 080 | 990 | 722 | 591 | 446B | 400B | 360B | 24 |
| 25 | 63.9B | 47.6B | 46.5B | 46.0B | 46.5B | 1 100 | 984 | 689 | 589 | 444B | 398B | 359B | 25 |
| 26 | 62.5B | 47.4B | 46.3B | 46.0B | 46.6B | 1 120 | 979 | 674 | 585 | 442B | 397B | 358B | 26 |
| 27 | 61.5B | 47.4B | 46.5B | 46.0B | 46.8B | 1 160 | 967 | 670 | 580 | 441B | 396B | 357B | 27 |
| 28 | 60.0B | 47.4B | 46.4B | 46.0B | 47.0B | 1 160 | 964 | 665 | 582 | 440B | 395B | 356B | 28 |
| 29 | 59.0B | | 46.4B | 46.0B | 47.4B | 1 170 | 956 | 649 | 575 | 438B | 394B | 354B | 29 |
| 30 | 58.0B | | 46.4B | 46.0B | 47.8B | 1 150 | 928 | 636 | 570 | 437B | 393B | 353B | 30 |
| 31 | 57.0B | | 46.4B | | 47.9B | | 909 | 630 | | 436B | | 352B | 31 |
| TOTAL | 2 448.4 | 1 381.4 | 1 451.3 | 1 383.3 | 1 435.2 | 18 750.0 | 32 281 | 23 918 | 17 446 | 15 226 | 12 386 | 11 502 | TOTAL |
| MEAN | 79.0 | 49.3 | 46.8 | 46.1 | 46.3 | 625 | 1 040 | 772 | 582 | 491 | 413 | 371 | MEAN |
| MAX | 105 | 56.0 | 47.4 | 46.4 | 47.9 | 1 170 | 1 140 | 898 | 618 | 570 | 435 | 390 | MAX |
| MIN | 57.0 | 47.4 | 46.4 | 46.0 | 46.0 | 48.3 | 909 | 630 | 555 | 416 | 392 | 353 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 382
MAXIMUM DAILY, 1 170 ON JUN 29
MINIMUM DAILY, 46.0B ON APR 18
MAXIMUM INSTANTANEOUS,
1 180 AT 12:35 CST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 39 00 N
LONG 95 51 15 W
DRAINAGE AREA, 73 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 212 000 | JUL | 2 790 000 |
| FEB | 119 000 | AUG | 2 070 000 |
| MAR | 125 000 | SEP | 1 510 000 |
| APR | 120 000 | OCT | 1 320 000 |
| MAY | 124 000 | NOV | 1 070 000 |
| JUN | 1 620 000 | DEC | 994 000 |

TOTAL DISCHARGE, 12 100 000 dam³

## NORTHWEST TERRITORIES

### KAIAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 06LA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 71.8B | 65.0B | 58.3B | 52.8B | 46.9B | 190 | 275 | 219E | 165 | 145 | 129 | 116 | 1 |
| 2 | 71.6B | 64.8B | 58.2B | 52.6B | 46.8B | 280 | 274 | 218E | 163 | 143 | 129 | 114 | 2 |
| 3 | 71.4B | 64.5B | 58.0B | 52.4B | 46.7B | 211 | 273 | 216E | 160 | 139 | 128 | 113 | 3 |
| 4 | 71.2B | 64.2B | 57.8B | 52.2B | 46.6B | 217 | 272 | 214E | 151 | 140 | 128 | 112 | 4 |
| 5 | 71.0B | 64.0B | 57.7B | 52.0B | 46.5B | 222 | 269 | 212E | 154 | 143 | 128 | 112 | 5 |
| 6 | 70.8B | 63.8B | 57.5B | 51.8B | 46.4B | 228 | 264 | 211E | 155 | 144 | 128 | 110 B | 6 |
| 7 | 70.6B | 63.6B | 57.3B | 51.6B | 46.3B | 236 | 270 | 209E | 156 | 144 | 127 | 109 B | 7 |
| 8 | 70.4B | 63.4B | 57.2B | 51.4B | 46.2B | 241 | 269 | 207E | 154 | 143 | 125 | 108 B | 8 |
| 9 | 70.2B | 63.2B | 57.0B | 51.2B | 46.1B | 247 | 268 | 205E | 154 | 143 | 124 | 107 B | 9 |
| 10 | 70.0B | 63.0B | 56.8B | 51.0B | 46.0B | 252 | 266 | 204E | 145 | 144 | 123 | 106 B | 10 |
| 11 | 69.8B | 62.7B | 56.7B | 50.8B | 45.9B | 256 | 265 | 203E | 146 | 143 | 122 | 105 B | 11 |
| 12 | 69.6B | 62.4B | 56.5B | 50.6B | 45.8B | 261 | 263 | 201E | 148 | 143 | 122 | 105 B | 12 |
| 13 | 69.4B | 62.1B | 56.3B | 50.4B | 45.7B | 263 | 262 | 199E | 151 | 141 | 121 | 104 B | 13 |
| 14 | 69.2B | 61.8B | 56.2B | 50.2B | 45.6B | 267 | 259 | 197E | 157 | 136 | 121 | 104 B | 14 |
| 15 | 69.0B | 61.5B | 56.0B | 50.0B | 45.5B | 268 | 257 | 195E | 158 | 135 | 121 | 103 B | 15 |
| 16 | 68.7B | 61.3B | 55.8B | 49.8B | 46.0B | 271 | 250 | 192E | 155 | 133 | 121 | 102 B | 16 |
| 17 | 68.4B | 61.1B | 55.6B | 49.6B | 46.5B | 273 | 246 | 190E | 156 | 133 | 120 | 102 B | 17 |
| 18 | 68.1B | 60.8B | 55.4B | 49.4B | 47.0B | 272 | 246 | 189E | 151 | 135 | 120 | 101 B | 18 |
| 19 | 67.8B | 60.6B | 55.2B | 49.2B | 47.5B | 275 | 247 | 187E | 152 | 137 | 119 | 101 B | 19 |
| 20 | 67.5B | 60.4B | 55.0B | 49.0B | 48.0B | 274 | 242 | 185E | 152 | 134 | 118 | 100 B | 20 |
| 21 | 67.3B | 60.2B | 54.8B | 48.8B | 52.0B | 273 | 239A | 183E | 149 | 134 | 118 | 99.4B | 21 |
| 22 | 67.1B | 59.9B | 54.6B | 48.6B | 60.0B | 274 | 237E | 181E | 150 | 133 | 118 | 98.8B | 22 |
| 23 | 66.9B | 59.7B | 54.4B | 48.4B | 80.0B | 279 | 235E | 180E | 150 | 134 | 118 | 98.2B | 23 |
| 24 | 66.7B | 59.4B | 54.2B | 48.2B | 93.6 | 278 | 233E | 178E | 149 | 134 | 117 | 97.6B | 24 |
| 25 | 66.5B | 59.2B | 54.0B | 48.0B | 106 | 277 | 232E | 175E | 144 | 134 | 117 | 97.0B | 25 |
| 26 | 66.3B | 59.0B | 53.8B | 47.8B | 120 | 276 | 230E | 172E | 142 | 133 | 117 | 96.4B | 26 |
| 27 | 66.1B | 58.7B | 53.6B | 47.6B | 133 | 276 | 228E | 171E | 144 | 132 | 117 | 95.8B | 27 |
| 28 | 65.9B | 58.5B | 53.5B | 47.4B | 147 | 275 | 226E | 169E | 146 | 131 | 116 | 95.2B | 28 |
| 29 | 65.7B | | 53.4B | 47.2B | 159 | 274 | 225E | 167E | 145 | 129 | 117 | 94.6B | 29 |
| 30 | 65.4B | | 53.2B | 47.0B | 170 | 274 | 223E | 163A | 145 | 130 | 116 | 94.0B | 30 |
| 31 | 65.2B | | 53.0B | | 180 | | 221E | 167A | | 130 | | 93.5B | 31 |
| TOTAL | 2 125.6 | 1 728.8 | 1 727.0 | 1 497.0 | 2 236.6 | 7 680 | 7 766 | 5 959 | 4 547 | 4 252 | 3 645 | 3 194.5 | TOTAL |
| MEAN | 68.6 | 61.7 | 55.7 | 49.9 | 72.1 | 256 | 251 | 192 | 152 | 137 | 122 | 103 | MEAN |
| MAX | 71.8 | 65.0 | 58.3 | 52.8 | 180 | 279 | 275 | 219 | 165 | 145 | 129 | 116 | MAX |
| MIN | 65.2 | 58.5 | 53.0 | 47.0 | 45.5 | 190 | 221 | 163 | 142 | 129 | 116 | 93.5 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 127
MAXIMUM DAILY, 279 ON JUN 23
MINIMUM DAILY, 45.5B ON MAY 15
MAXIMUM INSTANTANEOUS,
280 AT 08:00 CST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 40 N
LONG 100 58 20 W
DRAINAGE AREA, 23 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 184 000 | JUL | 671 000 |
| FEB | 149 000 | AUG | 515 000 |
| MAR | 149 000 | SEP | 393 000 |
| APR | 129 000 | OCT | 367 000 |
| MAY | 193 000 | NOV | 315 000 |
| JUN | 664 000 | DEC | 276 000 |

TOTAL DISCHARGE, 4 010 000 dam³

### KENDALL RIVER NEAR OUTLET OF DISHAL LAKES - STATION NO. 10PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 4.40B | 91.8 | 25.2 | 15.8 | 7.14 | 0.850B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 5.40B | 86.5 | 23.8 | 14.4 | 6.30 B | 0.780B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 6.40B | 81.4 | 22.4 | 13.6 | 5.80 B | 0.700B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 8.00B | 78.2 | 21.1 | 12.8 | 5.30 B | 0.650B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 10.0 B | 74.9 | 20.2 | 11.9 | 4.90 B | 0.590B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 12.5 B | 70.7 | 19.2 | 11.7 | 4.58 B | 0.530B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 16.0 B | 67.0 | 18.6 | 11.6 | 4.20 B | 0.490B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 21.0 B | 64.8 | 17.7 | 11.7 | 3.94 B | 0.440B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 27.0 B | 62.2 | 16.8 | 11.9 | 3.70 B | 0.390B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 37.0 B | 59.5 | 16.4 | 11.9 | 3.45 B | 0.350B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 52.0 B | 56.9 | 16.0 | 11.8 | 3.27 B | 0.310B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 72.0 B | 54.0 | 16.4 | 11.4 | 3.07 B | 0.280B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 105 B | 51.8 | 17.8 | 10.9 | 2.90 B | 0.240B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0 B | 158 | 49.6 | 18.3 | 10.5 | 2.77 B | 0.200B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0 B | 215 | 46.7 | 18.1 | 10.4 | 2.62 B | 0.170B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0 B | 329 | 45.6 | 18.2 | 9.91 | 2.50 B | 0.140B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0 B | 394 | 47.4 | 18.1 | 10.3 | 2.39 B | 0.100B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0 B | 397 | 48.3 | 18.1 | 9.22 | 2.28 B | 0.080B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0 B | 359 | 46.9 | 17.9 | 9.06 | 2.18 B | 0.060B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0 B | 310 | 43.6 | 17.2 | 8.85 | 2.10 B | 0.040B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0.010B | 266 | 40.6 | 16.3 | 8.70 | 2.00 B | 0.030B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0.025B | 234 | 37.3 | 20.6 | 8.68 | 1.90 B | 0.010B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0.050B | 207 | 35.6 | 22.2 | 7.99 | 1.74 B | 0 B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0.083B | 175 | 34.1 | 21.0 | 7.88 | 1.60 B | 0 B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 1.20 B | 151 | 33.3 | 20.4 | 7.86 | 1.50 B | 0 B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 1.60 B | 133 | 31.7 | 18.8 | 7.86 | 1.39 B | 0 B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 2.05 B | 118 | 31.8 | 17.8 | 7.37 | 1.28 B | 0 B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 2.35 B | 109 | 31.9 | 17.2 | 7.15 | 1.18 B | 0 B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 2.75 B | 97.4 | 30.7 | 16.8 | 7.19 | 1.09 B | 0 B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 3.20 B | 97.3 | 30.7 | 16.3 | 7.15 | 1.00 B | 0 B | 0B | 30 |
| 31 | 0B | | 0B | | 3.80 B | | 26.8 | 15.7 | | 0.930B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 17.118 | 4 118.40 | 1 588.4 | 582.6 | 306.67 | 90.990 | 7.430 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0.552 | 137 | 51.2 | 18.8 | 10.2 | 2.94 | 0.248 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 3.80 | 397 | 91.8 | 25.2 | 15.8 | 7.14 | 0.850 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 4.40 | 26.8 | 15.7 | 7.15 | 0.930 | 0 | 0 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 397 ON JUN 18
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 13 00 N
LONG 116 31 30 W
DRAINAGE AREA, 3 000 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 137 000 |
| FEB | 0 | AUG | 50 300 |
| MAR | 0 | SEP | 36 500 |
| APR | 0 | OCT | 7 060 |
| MAY | 1 480 | NOV | 642 |
| JUN | 356 000 | DEC | 0 |

TOTAL DISCHARGE, 580 000 dam³

## KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 06HD001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.42B | 4.28B | 2.49B | 1.23 B | 0.606B | 3.00B | 189 | 63.7 | 37.6 | 55.6 | 44.0B | 21.5B | 1 |
| 2 | 7.30B | 4.20B | 2.43B | 1.20 B | 0.592B | 4.10B | 185 | 62.4 | 37.3 | 55.2 | 43.0B | 21.0B | 2 |
| 3 | 7.17B | 4.12B | 2.38B | 1.17 B | 0.578B | 5.00B | 181 | 61.1 | 37.1 | 54.1 | 42.0B | 20.5B | 3 |
| 4 | 7.05B | 4.05B | 2.33B | 1.14 B | 0.564B | 20.0 B | 136 | 59.7 | 36.8 | 53.9 | 41.0B | 20.0B | 4 |
| 5 | 6.92B | 3.98B | 2.28B | 1.11 B | 0.550B | 33.0 B | 130 | 57.6 | 35.9 | 53.9 | 40.0B | 19.5B | 5 |
| 6 | 6.81B | 3.92B | 2.23B | 1.08 B | 0.536B | 50.0 B | 123 | 56.5 | 36.1 | 54.1 | 39.1B | 19.1B | 6 |
| 7 | 6.70B | 3.86B | 2.18B | 1.06 B | 0.522B | 64.0 B | 118 | 55.3 | 35.9 | 54.1 | 38.2B | 18.7B | 7 |
| 8 | 6.60B | 3.80B | 2.13B | 1.04 B | 0.508B | 77.0 B | 115 | 53.9 | 35.9 | 53.6 | 37.3B | 18.3B | 8 |
| 9 | 6.49B | 3.74B | 2.08B | 1.02 B | 0.498B | 90.0 B | 110 | 53.5 | 35.2 | 53.1 | 36.4B | 17.9B | 9 |
| 10 | 6.38B | 3.68B | 2.04B | 1.00 B | 0.488B | 105 B | 105 | 52.4 | 35.2 | 52.7 | 35.5B | 17.5B | 10 |
| 11 | 6.27B | 3.62B | 1.99B | 0.980B | 0.480B | 120 B | 102 | 51.8 | 40.1 | 52.8 | 34.7B | 17.1B | 11 |
| 12 | 6.16B | 3.56B | 1.94B | 0.960B | 0.472B | 135 B | 98.9 | 50.8 | 41.6 | 52.5 | 33.9B | 16.7B | 12 |
| 13 | 6.04B | 3.50B | 1.90B | 0.940B | 0.464B | 150 B | 96.0 | 50.2 | 42.3 | 52.1 | 33.1B | 16.3B | 13 |
| 14 | 5.93B | 3.44B | 1.86B | 0.920B | 0.457B | 155 B | 95.0 | 49.0 | 43.5 | 51.2 | 32.3B | 15.9B | 14 |
| 15 | 5.82B | 3.38B | 1.82B | 0.900B | 0.450B | 160 B | 92.0 | 48.3 | 44.8 | 49.9 | 31.5B | 15.5B | 15 |
| 16 | 5.72B | 3.32B | 1.78B | 0.880B | 0.443B | 163 B | 88.0 | 47.0 | 45.2 | 49.5 | 30.8B | 15.1B | 16 |
| 17 | 5.62B | 3.26B | 1.74B | 0.860B | 0.437B | 164 B | 86.5 | 45.8 | 46.6 | 48.8 | 30.1B | 14.7B | 17 |
| 18 | 5.52B | 3.20B | 1.70B | 0.840B | 0.431B | 165 B | 86.2 | 45.5 | 47.6 | 47.2 | 29.4B | 14.3B | 18 |
| 19 | 5.42B | 3.14B | 1.66B | 0.820B | 0.425B | 165 B | 84.6 | 44.6 | 48.3 | 45.9 | 28.7B | 13.9B | 19 |
| 20 | 5.32B | 3.07B | 1.62B | 0.800B | 0.420B | 166 | 81.4 | 43.6 | 49.4 | 45.5 | 28.0B | 13.6B | 20 |
| 21 | 5.22B | 3.00B | 1.58B | 0.780B | 0.416B | 167 | 78.8 | 43.0 | 50.4 | 45.6 | 27.4B | 13.3B | 21 |
| 22 | 5.12B | 2.93B | 1.54B | 0.760B | 0.412B | 165 | 79.1 | 42.0 | 50.6 | 45.7 | 26.8B | 13.0B | 22 |
| 23 | 5.02B | 2.86B | 1.51B | 0.740B | 0.408B | 165 | 78.2 | 41.3 | 51.1 | 46.0 | 26.2B | 12.7B | 23 |
| 24 | 4.93B | 2.79B | 1.48B | 0.720B | 0.404B | 166 | 76.6 | 40.3 | 52.0 | 45.8 | 25.6B | 12.4B | 24 |
| 25 | 4.84B | 2.72B | 1.45B | 0.700B | 0.400B | 165 | 74.4 | 40.0 | 53.0 | 45.5 | 25.0B | 12.1B | 25 |
| 26 | 4.76B | 2.66B | 1.41B | 0.680B | 0.480B | 163 | 72.6 | 39.1 | 53.5 | 45.1 | 24.4B | 11.9B | 26 |
| 27 | 4.68B | 2.61B | 1.38B | 0.675B | 0.600B | 160 | 71.8 | 38.4 | 53.7 | 45.0 | 23.8B | 11.6B | 27 |
| 28 | 4.60B | 2.55B | 1.35B | 0.650B | 0.700B | 157 | 70.7 | 38.3 | 54.6 | 44.5 | 23.2B | 11.3B | 28 |
| 29 | 4.52B | | 1.32B | 0.635B | 0.850B | 157 | 68.8 | 38.7 | 55.0 | 44.2 | 22.6B | 11.0B | 29 |
| 30 | 4.44B | | 1.29B | 0.620B | 1.10 B | 152 | 66.6 | 38.3 | 55.3 | 45.3 | 22.0B | 10.7B | 30 |
| 31 | 4.36B | | 1.26B | | 1.70 B | | 64.9 | 38.0 | | 44.5 | | 10.5B | 31 |
| TOTAL | 179.15 | 95.24 | 56.15 | 26.910 | 17.391 | 3 611.10 | 2 984.3 | 1 490.1 | 1 341.6 | 1 532.9 | 956.0 | 477.6 | TOTAL |
| MEAN | 5.78 | 3.40 | 1.81 | 0.897 | 0.561 | 120 | 96.3 | 48.1 | 44.7 | 49.4 | 31.9 | 15.4 | MEAN |
| MAX | 7.42 | 4.28 | 2.49 | 1.23 | 1.70 | 167 | 189 | 63.7 | 55.3 | 55.6 | 44.0 | 21.5 | MAX |
| MIN | 4.36 | 2.55 | 1.26 | 0.620 | 0.400 | 3.00 | 64.9 | 38.0 | 35.2 | 44.2 | 22.0 | 10.5 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.0
MAXIMUM DAILY, 167 ON JUN 21
MINIMUM DAILY, 0.400B ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 20 N
LONG 98 27 50 W
DRAINAGE AREA, 7 560 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 15 500 | JUL | 258 000 |
| FEB | 8 230 | AUG | 129 000 |
| MAR | 4 850 | SEP | 116 000 |
| APR | 2 330 | OCT | 132 000 |
| MAY | 1 500 | NOV | 82 600 |
| JUN | 312 000 | DEC | 41 300 |

TOTAL DISCHARGE, 1 100 000 dam³

## KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 06LC002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.3 B | 0B | 0B | 0B | 0B | 0.005B | 182 | 186 | 133 | 105 | 21.1B | 17.7B | 1 |
| 2 | 11.9 B | 0B | 0B | 0B | 0B | 0.050B | 181 | 185 | 133 | 105 | 20.9B | 17.7B | 2 |
| 3 | 11.7 B | 0B | 0B | 0B | 0B | 0.100B | 182 | 186 | 132 | 106 | 20.7B | 17.6B | 3 |
| 4 | 11.4 B | 0B | 0B | 0B | 0B | 0.150B | 185 | 184 | 132 | 89.3 | 20.6B | 17.5B | 4 |
| 5 | 11.2 B | 0B | 0B | 0B | 0B | 0.180B | 185 | 185 | 131 | 85.0 | 20.5B | 17.4B | 5 |
| 6 | 10.9 B | 0B | 0B | 0B | 0B | 0.210B | 186 | 187 | 128 | 85.9 | 20.4B | 17.3B | 6 |
| 7 | 10.7 B | 0B | 0B | 0B | 0B | 0.280B | 186 | 186A | 127 | 86.0 | 20.3B | 17.2B | 7 |
| 8 | 10.4 B | 0B | 0B | 0B | 0B | 0.450B | 185 | 185E | 128 | 86.8 | 20.2B | 17.1B | 8 |
| 9 | 10.2 B | 0B | 0B | 0B | 0B | 0.900B | 186 | 183E | 127 | 87.5 | 20.0B | 17.0B | 9 |
| 10 | 9.90 B | 0B | 0B | 0B | 0B | 2.50 B | 184 | 180E | 126 | 86.5 | 19.9B | 16.9B | 10 |
| 11 | 9.70 B | 0B | 0B | 0B | 0B | 4.40 E | 182 | 178E | 121 | 84.8 | 19.8B | 16.8B | 11 |
| 12 | 9.30 B | 0B | 0B | 0B | 0B | 13.0 E | 182 | 175E | 126 | 85.6 | 19.7B | 16.7B | 12 |
| 13 | 8.90 B | 0B | 0B | 0B | 0B | 40.0 E | 181 | 172E | 127 | 85.6 | 19.6B | 16.6B | 13 |
| 14 | 8.50 B | 0B | 0B | 0B | 0B | 90.0 E | 179 | 170E | 123 | 88.8 | 19.5B | 16.5B | 14 |
| 15 | 7.90 B | 0B | 0B | 0B | 0B | 154 E | 179 | 168E | 122 | 89.8 | 19.4B | 16.5B | 15 |
| 16 | 7.40 B | 0B | 0B | 0B | 0B | 168 E | 179 | 165E | 121 | 82.3 | 19.3B | 16.4B | 16 |
| 17 | 6.90 B | 0B | 0B | 0B | 0B | 174 E | 180 | 163E | 116 | 25.2 | 19.2B | 16.3B | 17 |
| 18 | 6.50 B | 0B | 0B | 0B | 0B | 179 E | 182 | 159E | 113 | 24.0B | 19.1B | 16.2B | 18 |
| 19 | 6.10 B | 0B | 0B | 0B | 0B | 182 E | 182 | 156E | 113 | 23.5B | 19.0B | 16.1B | 19 |
| 20 | 5.60 B | 0B | 0B | 0B | 0B | 182 E | 185 | 154E | 113 | 23.2B | 18.8B | 16.0B | 20 |
| 21 | 5.20 B | 0B | 0B | 0B | 0B | 182 E | 185 | 152E | 112 | 22.9B | 18.7B | 15.9B | 21 |
| 22 | 4.90 B | 0B | 0B | 0B | 0B | 182 A | 185 | 150E | 113 | 22.6B | 18.6B | 15.8B | 22 |
| 23 | 4.50 B | 0B | 0B | 0B | 0B | 180 | 187 | 150E | 115 | 22.4B | 18.5B | 15.7B | 23 |
| 24 | 4.10 B | 0B | 0B | 0B | 0B | 178 | 189 | 157E | 113 | 22.2B | 18.4B | 15.6B | 24 |
| 25 | 3.80 B | 0B | 0B | 0B | 0B | 178 | 187 | 162E | 112 | 22.0B | 18.3B | 15.5B | 25 |
| 26 | 3.50 B | 0B | 0B | 0B | 0B | 178 | 189 | 158E | 113 | 21.9B | 18.2B | 15.5B | 26 |
| 27 | 3.00 B | 0B | 0B | 0B | 0B | 178 | 189 | 151E | 112 | 21.8B | 18.1B | 15.4B | 27 |
| 28 | 2.50 B | 0B | 0B | 0B | 0B | 177 | 189 | 144E | 111 | 21.7B | 18.0B | 15.3B | 28 |
| 29 | 0.600B | | 0B | 0B | 0B | 179 | 189 | 138A | 109 | 21.6B | 17.9B | 15.2B | 29 |
| 30 | 0 B | | 0B | 0B | 0B | 181 | 187 | 136 | 106 | 21.5B | 17.8B | 15.1B | 30 |
| 31 | 0 B | | 0B | | 0B | | 186 | 134 | | 21.3B | | 15.1B | 31 |
| TOTAL | 219.580 | 0 | 0 | 0 | 0 | 2 984.225 | 5 715 | 5 139 | 3 608 | 1 777.7 | 580.5 | 507.6 | TOTAL |
| MEAN | 7.08 | 0 | 0 | 0 | 0 | 99.5 | 184 | 166 | 120 | 57.3 | 19.4 | 16.4 | MEAN |
| MAX | 12.3 | 0 | 0 | 0 | 0 | 182 | 189 | 187 | 133 | 106 | 21.1 | 17.7 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0.005 | 179 | 134 | 106 | 21.3 | 17.8 | 15.1 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.3
MAXIMUM DAILY, 189 ON JUL 24
MINIMUM DAILY, 0B ON JAN 30
MAXIMUM INSTANTANEOUS,
191 AT 01:09 CST ON JUL 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 48 00 N
LONG 97 24 00 W
DRAINAGE AREA, 12 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 19 000 | JUL | 494 000 |
| FEB | 0 | AUG | 944 000 |
| MAR | 0 | SEP | 312 000 |
| APR | 0 | OCT | 154 000 |
| MAY | 0 | NOV | 50 200 |
| JUN | 258 000 | DEC | 43 900 |

TOTAL DISCHARGE, 1 780 000 dam³

NORTHWEST TERRITORIES

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19.1B | 15.0B | 12.8B | 14.0B | 19.2B | 32.1 | 40.6 | 35.0 | 28.8E | 26.0 | 21.4B | 22.8B | 1 |
| 2 | 19.0B | 14.9B | 12.8B | 14.1B | 19.5B | 33.0 | 40.5 | 34.2 | 28.7E | 27.5 | 21.3B | 22.8B | 2 |
| 3 | 18.9B | 14.8B | 12.8B | 14.2B | 19.9B | 33.5 | 40.5 | 34.2 | 28.6E | 27.0 | 21.8B | 22.8B | 3 |
| 4 | 18.8B | 14.6B | 12.8B | 14.3B | 20.1B | 34.0 | 40.4 | 33.9 | 28.5E | 26.3 | 22.8B | 22.8B | 4 |
| 5 | 18.6B | 14.5B | 12.9B | 14.4B | 20.4B | 35.3 | 40.4 | 34.0 | 28.4E | 26.2 | 23.8B | 22.7B | 5 |
| 6 | 18.5B | 14.5B | 12.9B | 14.5B | 20.9B | 35.8 | 40.2 | 34.2 | 29.0E | 25.6 | 23.9B | 22.7B | 6 |
| 7 | 18.4B | 14.4B | 12.9B | 14.6B | 21.1B | 36.0 | 40.3 | 34.4 | 30.8E | 25.5 | 23.8B | 22.7B | 7 |
| 8 | 18.3B | 14.3B | 12.9B | 14.7B | 21.3B | 37.0 | 40.6 | 33.7 | 32.2E | 25.6 | 23.6B | 22.7B | 8 |
| 9 | 18.1B | 14.2B | 13.0B | 14.9B | 21.7B | 37.3 | 40.4 | 32.7 | 32.5E | 25.5 | 23.5B | 22.7B | 9 |
| 10 | 18.0B | 14.1B | 13.0B | 15.0B | 22.0B | 37.3 | 39.5 | 32.5 | 32.2E | 25.2 | 23.5B | 22.7B | 10 |
| 11 | 17.9B | 14.0B | 13.0B | 15.1B | 22.3B | 37.2 | 38.2 | 33.1 | 31.5E | 25.1 | 23.4B | 22.7B | 11 |
| 12 | 17.7B | 13.9B | 13.1B | 15.3B | 22.5B | 37.8 | 37.7 | 32.5 | 30.9E | 25.0 | 23.3B | 22.6B | 12 |
| 13 | 17.5B | 13.8B | 13.1B | 15.5B | 23.0B | 37.9 | 37.8 | 33.5 | 30.2E | 24.8 | 23.3B | 22.6B | 13 |
| 14 | 17.4B | 13.8B | 13.1B | 15.6B | 23.2B | 38.4 | 38.2 | 35.8 | 29.8E | 25.0 | 23.2B | 22.6B | 14 |
| 15 | 17.3B | 13.7B | 13.2B | 15.8B | 23.6B | 38.3 | 38.0 | 36.0 | 29.5E | 25.7 | 23.1B | 22.6B | 15 |
| 16 | 17.1B | 13.7B | 13.3B | 16.0B | 24.0B | 38.7 | 36.6 | 34.6 | 29.1E | 25.3 | 23.0B | 22.6B | 16 |
| 17 | 17.0B | 13.6B | 13.4B | 16.1B | 24.3B | 39.9 | 34.6 | 33.7A | 29.0E | 25.6 | 23.0B | 22.6B | 17 |
| 18 | 16.8B | 13.5B | 13.4B | 16.3B | 24.7B | 41.5 | 34.7 | 33.1E | 28.8E | 25.6 | 23.0B | 22.6B | 18 |
| 19 | 16.6B | 13.4B | 13.4B | 16.5B | 25.0B | 42.2 | 36.9 | 32.5E | 28.5E | 24.7 | 23.0B | 22.6B | 19 |
| 20 | 16.5B | 13.3B | 13.5B | 16.6B | 25.4B | 40.5 | 39.0 | 32.0E | 28.3E | 23.6 | 23.0B | 22.6B | 20 |
| 21 | 16.4B | 13.2B | 13.5B | 16.9B | 26.0B | 39.9 | 39.4 | 31.6E | 28.1A | 23.4 | 23.0B | 22.6B | 21 |
| 22 | 16.2B | 13.1B | 13.5B | 17.1B | 27.9B | 41.6 | 37.6 | 31.1E | 28.5 | 22.8 | 23.0B | 22.6B | 22 |
| 23 | 16.0B | 13.0B | 13.5B | 17.3B | 27.5B | 43.2 | 36.9 | 30.7E | 27.8 | 22.7 | 22.9B | 22.6B | 23 |
| 24 | 15.9B | 12.9B | 13.6B | 17.5B | 28.6 | 43.5 | 36.9 | 30.3E | 27.2 | 23.1 | 22.9B | 22.6B | 24 |
| 25 | 15.7B | 12.9B | 13.6B | 17.7B | 28.1 | 43.6 | 36.8 | 29.9E | 28.2 | 23.0 | 22.9B | 22.6B | 25 |
| 26 | 15.6B | 12.8B | 13.6B | 18.0B | 28.3 | 45.0 | 37.1 | 30.4E | 28.7 | 22.8 | 22.9B | 22.6B | 26 |
| 27 | 15.5B | 12.7B | 13.7B | 18.2B | 28.3 | 44.1 | 37.4 | 30.5E | 26.7 | 21.9 | 22.9B | 22.6B | 27 |
| 28 | 15.4B | 12.8B | 13.8B | 18.5B | 28.6 | 43.1 | 38.3 | 30.0E | 25.1 | 21.6B | 22.8B | 22.6B | 28 |
| 29 | 15.3B | | 13.9B | 18.7B | 29.4 | 41.6 | 38.2 | 29.5E | 25.5 | 21.7B | 22.8B | 22.6B | 29 |
| 30 | 15.2B | | 13.9B | 19.0B | 30.6 | 40.6 | 38.0 | 29.1E | 25.6 | 21.8B | 22.8B | 22.5B | 30 |
| 31 | 15.1B | | 14.0B | | 31.4 | | 36.5 | 28.9E | | 21.8B | | 22.5B | 31 |
| TOTAL | 529.8 | 385.4 | 411.9 | 482.4 | 758.8 | 1 169.9 | 1 188.2 | 1 007.6 | 866.7 | 757.4 | 689.6 | 701.9 | TOTAL |
| MEAN | 17.1 | 13.8 | 13.3 | 16.1 | 24.5 | 39.0 | 38.3 | 32.5 | 28.9 | 24.4 | 23.0 | 22.6 | MEAN |
| MAX | 19.1 | 15.0 | 14.0 | 19.0 | 31.4 | 45.0 | 40.6 | 36.0 | 32.5 | 27.5 | 23.9 | 22.8 | MAX |
| MIN | 15.1 | 12.7 | 12.8 | 14.0 | 19.2 | 32.1 | 34.6 | 28.9 | 25.1 | 21.6 | 21.3 | 23.5 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.5
MAXIMUM DAILY, 45.0 ON JUN 26
MINIMUM DAILY, 12.7B ON FEB 27
MAXIMUM INSTANTANEOUS,
45.4 AT 19:53 MST ON JUN 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 06 27 N
LONG 116 58 20 W
DRAINAGE AREA, 15 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 45 800 | JUL | 103 000 |
| FEB | 33 300 | AUG | 87 100 |
| MAR | 35 600 | SEP | 74 900 |
| APR | 41 700 | OCT | 65 400 |
| MAY | 65 600 | NOV | 59 600 |
| JUN | 101 000 | DEC | 60 600 |

TOTAL DISCHARGE, 774 000 dam³

LAC LA MARTRE AT LAC LA MARTRE - STATION NO. 07TA002

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.622 | 1.634 | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.612 | 1.625 | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.605 | 1.629 | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.616 | 1.629 | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.635 | 1.630 | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.635 | 1.629 | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.631 | 1.620 | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.629 | 1.631 | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.629 | 1.635 | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.635 | 1.628 | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.628 | 1.633 | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.627 | 1.630 | 12 |
| 13 | --- | --- | --- | 1.569A | --- | --- | --- | --- | --- | --- | 1.626 | 1.630 | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 1.775A | --- | --- | --- | 1.630 | 1.629 | 14 |
| 15 | --- | --- | --- | --- | --- | 1.717A | --- | --- | --- | --- | 1.635 | 1.632 | 15 |
| 16 | --- | 1.591A | --- | --- | --- | --- | --- | --- | --- | --- | 1.630 | 1.633 | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | 1.717A | --- | --- | 1.628 | 1.631 | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.629 | 1.630 | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.625 | 1.628 | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.625 | 1.627 | 20 |
| 21 | --- | --- | --- | --- | 1.555A | --- | --- | --- | 1.642A | --- | 1.625 | 1.615 | 21 |
| 22 | --- | --- | --- | --- | --- | 1.777A | --- | --- | --- | --- | 1.625 | 1.621 | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.627 | 1.625 | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.632 | 1.623 | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.631 | 1.619 | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.627 | 1.621 | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.630 | 1.618 | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.629 | 1.612 | 28 |
| 29 | --- | | --- | --- | --- | --- | --- | --- | --- | --- | 1.628 | 1.616 | 29 |
| 30 | --- | | --- | --- | --- | --- | --- | --- | --- | 1.618A | 1.641 | 1.613 | 30 |
| 31 | --- | | --- | | --- | | --- | --- | | 1.617 | | 1.622 | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.630 | 1.626 | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.641 | 1.635 | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.605 | 1.610 | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 08 15 N
LONG 117 17 00 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LENED CREEK NEAR SOUTH NAHANNI RIVER - STATION NO. 10ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | 0.856 | 0.462 | 1.05 | 0.245B | 0.233B | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | 0.809 | 0.636 | 0.959 | 0.245B | 0.230B | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | 0.721 | 0.678 | 0.885 | 0.245B | 0.230B | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | 0.618 | 0.633 | 0.869 | 0.245B | 0.230B | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | 0.616 | 0.638 | 0.840 | 0.245B | 0.230B | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | 0.590 | 0.626 | 0.682 | 0.245B | 0.230B | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | 0.507 | 0.853 | 0.557 | 0.245B | 0.230B | 7 |
| 8 | --- | --- | --- | --- | --- | 1.18A | --- | 0.477 | 1.03 | 0.535 | 0.240B | 0.230B | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | 0.825 | 1.14 | 0.527 | 0.240B | 0.230B | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | 0.841 | 1.14 | 0.538 | 0.240B | 0.230B | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | 1.28 | 1.07 | 0.538 | 0.240B | 0.230B | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | 1.55 | 1.00 | 0.527 | 0.240B | 0.230B | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 1.35 A | 1.44 | 0.981 | 0.517 | 0.240B | 0.230B | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 1.25 | 1.25 | 0.906 | 0.405 | 0.240B | 0.230B | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 1.20 | 1.07 | 1.03 | 0.355 | 0.240B | 0.225B | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 1.24 | 0.988 | 1.28 | 0.300 | 0.240B | 0.225B | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 1.18 | 0.864 | 1.38 | 0.290B | 0.240B | 0.225B | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 2.55 | 0.790 | 1.26 | 0.280B | 0.240B | 0.225B | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 2.19 | 0.712 | 1.16 | 0.270B | 0.240B | 0.225B | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 1.79 | 0.663 | 1.09 | 0.260B | 0.240B | 0.225B | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 1.51 | 0.634 | 1.01 | 0.255B | 0.240B | 0.225B | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 1.26 | 0.595 | 0.872 | 0.250B | 0.235B | 0.225B | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 1.13 | 0.545 | 0.834 | 0.250B | 0.235B | 0.225B | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 0.997 | 0.550 | 0.808 | 0.250B | 0.235B | 0.225B | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 0.872 | 0.556 | 0.724 | 0.250B | 0.235B | 0.220B | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 0.813 | 0.526 | 0.672 | 0.250B | 0.235B | 0.220B | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 0.721 | 0.492 | 0.655 | 0.250B | 0.235B | 0.220B | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 0.639 | 0.456 | 0.649 | 0.250B | 0.235B | 0.220B | 28 |
| 29 | --- | | --- | --- | --- | --- | 0.621 | 0.432 | 0.651 | 0.250B | 0.235B | 0.220B | 29 |
| 30 | --- | | --- | --- | --- | --- | 0.609 | 0.408 | 0.901 | 0.250B | 0.235B | 0.220B | 30 |
| 31 | --- | | --- | | --- | | 0.743 | 0.412 | | 0.250B | | 0.220B | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | 22.233 | 26.729 | 13.919 | 7.190 | 7.013 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | 0.717 | 0.891 | 0.449 | 0.240 | 0.226 | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | 1.55 | 1.38 | 1.05 | 0.245 | 0.233 | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | 0.408 | 0.462 | 0.250 | 0.235 | 0.220 | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 21 45 N
LONG 128 39 45 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | 1 920 |
| MAR | --- | SEP | 2 310 |
| APR | --- | OCT | 1 200 |
| MAY | --- | NOV | 621 |
| JUN | --- | DEC | 606 |

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 3008 | 3808 | 5 090 | 3 800 | 1 720 | 2 030 | 1 300 | 927 | 475B | 1 |
| 2 | --- | --- | --- | 3008 | 4058 | 5 450 | 3 770 | 1 690 | 1 990 | 1 300 | 955 | 475B | 2 |
| 3 | --- | --- | --- | 3008 | 4708 | 5 800 | 3 740 | 1 670 | 1 960 | 1 280 | 939 | 480B | 3 |
| 4 | --- | --- | --- | 3008 | 6208 | 6 130 | 3 690 | 1 660 | 1 970 | 1 270 | 793 | 480B | 4 |
| 5 | --- | --- | --- | 3008 | 7808 | 6 260 | 3 700 | 1 660 | 1 990 | 1 280 | 749 | 480B | 5 |
| 6 | --- | --- | --- | 3008 | 1 000B | 6 250 | 3 810 | 1 660 | 2 100 | 1 290 | 708B | 480B | 6 |
| 7 | --- | --- | --- | 3008 | 1 300B | 6 050 | 3 830 | 1 660 | 2 130 | 1 280 | 660B | 480B | 7 |
| 8 | --- | --- | --- | 3008 | 1 700B | 5 580 | 3 740 | 1 660 | 2 050 | 1 250 | 580B | 480B | 8 |
| 9 | --- | --- | --- | 3008 | 2 200B | 5 300 | 3 550 | 1 650 | 1 980 | 1 240 | 520B | 480B | 9 |
| 10 | --- | --- | --- | 3008 | 2 760B | 5 360 | 3 380B | 1 630 | 1 930 | 1 230 | 450B | 480B | 10 |
| 11 | --- | --- | --- | 3008 | 3 700B | 5 870 | 3 240E | 1 700 | 1 910 | 1 210 | 390B | 480B | 11 |
| 12 | --- | --- | --- | 3008 | 4 680A | 6 510 | 3 090E | 2 050 | 1 860 | 1 200 | 350B | 475B | 12 |
| 13 | --- | --- | --- | 3008 | 5 130 | 6 900 | 2 950E | 2 290 | 1 820 | 1 190 | 335B | 475B | 13 |
| 14 | --- | --- | --- | 3008 | 6 060 | 7 150 | 2 800E | 2 510 | 1 750 | 1 220 | 335B | 470B | 14 |
| 15 | --- | --- | --- | 3008 | 6 350 | 7 290 | 2 650E | 2 770 | 1 690 | 1 260 | 340B | 470B | 15 |
| 16 | --- | --- | --- | 3038 | 6 630 | 7 280 | 2 520A | 2 680 | 1 640 | 1 310 | 345B | 470B | 16 |
| 17 | --- | --- | --- | 3058 | 7 220 | 7 030 | 2 460 | 2 520 | 1 590 | 1 340 | 355B | 465B | 17 |
| 18 | --- | --- | --- | 3088 | 7 890 | 6 520 | 2 460 | 2 320 | 1 560 | 1 340 | 370B | 465B | 18 |
| 19 | --- | --- | --- | 3108 | 9 050 | 5 950 | 2 430 | 2 180 | 1 530 | 1 280 | 385B | 460B | 19 |
| 20 | --- | --- | --- | 3128 | 11 000 | 5 570 | 2 400 | 2 160 | 1 500 | 1 210 | 395B | 460B | 20 |
| 21 | --- | --- | --- | 3138 | 10 600 | 5 500 | 2 330 | 2 190 | 1 480 | 1 170 | 410B | 450B | 21 |
| 22 | --- | --- | --- | 3158 | 8 770 | 5 610 | 2 270 | 2 110 | 1 450 | 1 180 | 425B | 450B | 22 |
| 23 | --- | --- | --- | 3188 | 7 550 | 5 680 | 2 230 | 2 010 | 1 420 | 1 190 | 435B | 450B | 23 |
| 24 | --- | --- | --- | 3228 | 6 630 | 5 330 | 2 150 | 1 920 | 1 390 | 1 190 | 445B | 440B | 24 |
| 25 | --- | --- | --- | 3268 | 5 920 | 4 730 | 2 070 | 1 850 | 1 370 | 1 150 | 450B | 440B | 25 |
| 26 | --- | --- | --- | 3328 | 5 390 | 4 250 | 1 990 | 1 820 | 1 340 | 1 170 | 460B | 440B | 26 |
| 27 | --- | --- | --- | 3368 | 4 970 | 4 010 | 1 930 | 1 860 | 1 320 | 1 140 | 460B | 430B | 27 |
| 28 | --- | --- | --- | 3488 | 4 660 | 3 930 | 1 870 | 1 950 | 1 320 | 1 100 | 470B | 430B | 28 |
| 29 | --- | | --- | 3588 | 4 540 | 3 850 | 1 820 | 2 040 | 1 310 | 1 080 | 470B | 420B | 29 |
| 30 | --- | | --- | 3668 | 4 670 | 3 820 | 1 800 | 2 060 | 1 300 | 1 060 | 470B | 420B | 30 |
| 31 | --- | | --- | | 4 860 | | 1 760 | 2 060 | | 1 080 | | 420B | 31 |
| TOTAL | --- | --- | --- | 9 371 | 188 485 | 170 050 | 86 230 | 61 710 | 50 680 | 37 670 | 15 376 | 14 270 | TOTAL |
| MEAN | --- | --- | --- | 312 | 6 790 | 5 670 | 2 780 | 1 990 | 1 690 | 1 220 | 512 | 460 | MEAN |
| MAX | --- | --- | --- | 366 | 11 000 | 7 290 | 3 830 | 2 770 | 2 130 | 1 340 | 955 | 480 | MAX |
| MIN | --- | --- | --- | 300 | 380 | 3 820 | 1 760 | 1 630 | 1 300 | 1 000 | 335 | 420 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 11 000 ON MAY 30

MAXIMUM INSTANTANEOUS, 11 100 AT 18:07 MST ON MAY 30

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 14 35 N
LONG 123 28 45 W
DRAINAGE AREA, 232 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 7 490 000 |
| FEB | --- | AUG | 5 330 000 |
| MAR | --- | SEP | 4 300 000 |
| APR | 610 000 | OCT | 3 250 000 |
| MAY | 12 000 000 | NOV | 1 330 000 |
| JUN | 14 700 000 | DEC | 1 230 000 |

NORTHWEST TERRITORIES

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 640B | 450B | 405B | 400B | 420B | 5 970 | 4 530 | 1 990 | 2 100 | 1 260 | 691B | 615B | 1 |
| 2 | 630B | 450B | 405B | 400B | 440B | 6 170 | 4 520 | 1 950 | 2 080 | 1 240 | 657B | 615B | 2 |
| 3 | 620B | 445B | 405B | 400B | 460B | 6 570 | 4 520 | 1 940 | 2 060 | 1 240 | 613B | 620B | 3 |
| 4 | 615B | 440B | 405B | 400B | 480B | 6 980 | 4 380 | 1 990 | 1 970 | 1 250 | 580B | 620B | 4 |
| 5 | 610B | 440B | 405B | 400B | 500B | 7 300 | 4 350 | 1 990 | 1 930 | 1 250 | 550B | 620B | 5 |
| 6 | 600B | 440B | 400B | 395B | 540B | 7 350 | 4 280 | 1 940 | 1 940 | 1 250 | 520B | 620B | 6 |
| 7 | 600B | 435B | 400B | 395B | 590B | 7 050 | 4 250 | 1 900 | 1 980 | 1 250 | 500B | 620B | 7 |
| 8 | 590B | 430B | 400B | 395B | 680B | 6 740 | 4 260 | 1 910 | 2 070 | 1 250 | 480B | 620B | 8 |
| 9 | 580B | 430B | 400B | 395B | 1 000B | 6 370 | 4 210 | 1 900 | 2 110 | 1 230 | 460B | 625B | 9 |
| 10 | 575B | 430B | 400B | 395B | 1 500B | 6 060 | 4 100 | 1 910 | 2 060 | 1 200 | 440B | 625B | 10 |
| 11 | 570B | 425B | 400B | 395B | 2 000B | 6 090 | 3 960 | 1 920 | 2 040 | 1 170 | 420B | 625B | 11 |
| 12 | 560B | 420B | 400B | 395B | 2 500E | 6 500 | 3 800 | 2 020 | 2 020 | 1 140 | 400B | 625B | 12 |
| 13 | 555B | 420B | 400B | 395B | 3 500E | 7 320 | 3 800 | 2 740 | 2 010 | 1 120 | 390B | 626B | 13 |
| 14 | 550B | 420B | 400B | 390B | 5 000E | 8 090 | 3 800 | 3 320 | 1 970 | 1 090 | 380B | 620B | 14 |
| 15 | 545B | 420B | 400B | 390B | 6 530A | 8 550 | 3 530 | 3 430 | 1 920 | 1 080 | 370B | 610B | 15 |
| 16 | 540B | 415B | 400B | 390B | 7 000E | 8 900 | 3 230 | 3 390 | 1 840 | 1 120 | 368B | 610B | 16 |
| 17 | 530B | 415B | 400B | 390B | 7 570A | 8 910 | 2 990 | 3 350 | 1 770 | 1 150 | 364B | 600B | 17 |
| 18 | 525B | 410B | 400B | 390B | 8 400E | 8 550 | 2 860 | 3 160 | 1 700 | 1 170 | 370B | 600B | 18 |
| 19 | 520B | 410B | 400B | 390B | 9 100A | 7 820 | 2 810 | 2 930 | 1 680 | 1 190 | 385B | 600B | 19 |
| 20 | 515B | 410B | 400B | 390B | 11 000E | 7 030 | 2 800 | 2 730 | 1 650 | 1 170 | 410B | 590B | 20 |
| 21 | 510B | 410B | 400B | 390B | 12 900A | 6 540 | 2 970 | 2 560 | 1 610 | 1 080 | 440B | 590B | 21 |
| 22 | 505B | 410B | 400B | 390B | 12 800A | 6 540 | 2 990 | 2 490 | 1 550 | 1 030 | 480B | 590B | 22 |
| 23 | 500B | 410B | 400B | 390B | 11 400E | 6 660 | 2 770 | 2 450 | 1 490 | 1 010 | 500B | 580B | 23 |
| 24 | 495B | 410B | 400B | 390B | 9 780A | 6 560 | 2 600 | 2 350 | 1 440 | 954 | 540B | 570B | 24 |
| 25 | 490B | 410B | 400B | 390B | 8 480 | 6 250 | 2 480 | 2 240 | 1 390 | 921 | 565B | 570B | 25 |
| 26 | 480B | 405B | 400B | 390B | 7 450 | 5 740 | 2 380 | 2 140 | 1 340 | 877 | 590B | 560B | 26 |
| 27 | 475B | 405B | 400B | 390B | 6 680 | 5 170 | 2 300 | 2 050 | 1 310 | 860 | 600B | 560B | 27 |
| 28 | 470B | 405B | 400B | 400B | 6 060 | 4 780 | 2 150 | 1 990 | 1 300 | 769B | 605B | 550B | 28 |
| 29 | 470B | | 400B | 400B | 5 660 | 4 610 | 2 080 | 1 990 | 1 280 | 752B | 610B | 550B | 29 |
| 30 | 460B | | 400B | 410B | 5 550 | 4 540 | 2 070 | 2 050 | 1 270 | 746B | 610B | 540B | 30 |
| 31 | 460B | | 400B | | 5 760 | | 2 030 | 2 100 | | 713B | | 540B | 31 |
| TOTAL | 16 785 | 11 820 | 12 425 | 11 830 | 161 730 | 201 720 | 103 700 | 72 810 | 52 860 | 33 532 | 14 888 | 18 506 | TOTAL |
| MEAN | 541 | 422 | 401 | 394 | 5 220 | 6 720 | 3 350 | 2 350 | 1 760 | 1 080 | 496 | 597 | MEAN |
| MAX | 640 | 450 | 405 | 410 | 12 900 | 8 910 | 4 530 | 3 420 | 2 110 | 1 260 | 691 | 626 | MAX |
| MIN | 460 | 405 | 400 | 390 | 420 | 4 540 | 2 030 | 1 900 | 1 270 | 713 | 364 | 540 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 950
MAXIMUM DAILY, 12 900A ON MAY 21
MINIMUM DAILY, 364B ON NOV 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 44 50 N
LONG 121 13 25 W
DRAINAGE AREA, 277 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 450 080 | JUL | 8 960 000 |
| FEB | 1 020 000 | AUG | 6 290 000 |
| MAR | 1 070 000 | SEP | 4 570 000 |
| APR | 1 020 000 | OCT | 2 900 000 |
| MAY | 14 000 000 | NOV | 1 290 000 |
| JUN | 17 400 000 | DEC | 1 600 000 |

TOTAL DISCHARGE, 61 600 000 dam³

LITTLE BUFFALO RIVER NEAR PINE POINT HIGHWAY - STATION NO. 07PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 0 B | 1.49 B | 0.640 | 0.080 | 0.088 | 0.024 | 0.133 | 0.139B | 0.088B | 1 |
| 2 | --- | --- | --- | 0 B | 1.35 B | 0.591 | 0.075 | 0.083 | 0.021 | 0.135 | 0.120B | 0.088B | 2 |
| 3 | --- | --- | --- | 0 B | 1.02 B | 0.538 | 0.073 | 0.077 | 0.024 | 0.141 | 0.120B | 0.092B | 3 |
| 4 | --- | --- | --- | 0 B | 0.754B | 0.481 | 0.068 | 0.059 | 0.030 | 0.141 | 0.117B | --- | 4 |
| 5 | --- | --- | --- | 0 B | 0.995B | 0.429 | 0.060 | 0.043 | 0.031 | 0.139 | 0.120B | --- | 5 |
| 6 | --- | --- | --- | 0 B | 1.88 B | 0.360 | 0.048 | 0.031 | 0.035 | 0.141 | 0.123B | --- | 6 |
| 7 | --- | --- | --- | 0 B | 1.68 B | 0.297 | 0.044 | 0.028 | 0.049 | 0.143 | 0.174B | --- | 7 |
| 8 | --- | --- | --- | 0 B | 1.32 | 0.296 | 0.040 | 0.028 | 0.063 | 0.144 | 0.193B | --- | 8 |
| 9 | --- | --- | --- | 0 B | 1.11 | 0.272 | 0.036 | 0.028 | 0.060 | 0.145 | 0.174B | --- | 9 |
| 10 | --- | --- | --- | 0 B | 1.53 | 0.232 | 0.042 | 0.023 | 0.093 | 0.147 | 0.168B | --- | 10 |
| 11 | --- | --- | --- | 0 B | 1.16 | 0.221 | 0.065 | 0.018 | 0.193 | 0.149 | 0.155B | --- | 11 |
| 12 | --- | --- | --- | 0 B | 1.20 | 0.199 | 0.075 | 0.024 | 0.267 | 0.153 | 0.146B | --- | 12 |
| 13 | --- | --- | --- | 0 B | 1.13 | 0.206 | 0.069 | 0.038 | 0.279 | 0.153 | 0.139B | --- | 13 |
| 14 | --- | --- | --- | 0 B | 1.13 | 0.227 | 0.058 | 0.067 | 0.388 | 0.154 | 0.133B | --- | 14 |
| 15 | --- | --- | --- | 0 B | 1.34 | 0.237 | 0.062 | 0.052 | 0.336 | 0.152B | 0.127B | --- | 15 |
| 16 | --- | --- | --- | 0.057B | 1.61 | 0.213 | 0.119 | 0.053 | 0.271 | 0.149B | 0.120B | --- | 16 |
| 17 | --- | --- | --- | 0.114B | 1.54 | 0.191 | 0.151 | 0.052 | 0.253 | 0.168B | 0.114B | --- | 17 |
| 18 | --- | --- | --- | 0.171B | 1.69 | 0.202 | 0.141 | 0.036 | 0.194 | 0.162B | 0.107B | --- | 18 |
| 19 | --- | --- | --- | 0.228B | 1.95 | 0.193 | 0.130 | 0.029 | 0.180 | 0.178B | 0.101B | --- | 19 |
| 20 | --- | --- | --- | 0.286B | 2.14 | 0.177 | 0.137 | 0.016 | 0.176 | 0.193B | 0.095B | --- | 20 |
| 21 | --- | --- | --- | 0.721B | 2.15 | 0.167 | 0.137 | 0.013 | 0.179 | 0.181B | 0.088B | --- | 21 |
| 22 | --- | --- | --- | 1.49 B | 2.09 | 0.175 | 0.122 | 0.004 | 0.188 | 0.133B | 0.082B | --- | 22 |
| 23 | --- | --- | --- | 1.82 B | 1.87 | 0.167 | 0.120 | 0 | 0.168 | 0.117B | 0.077B | --- | 23 |
| 24 | --- | --- | --- | 2.19 B | 1.69 | 0.147 | 0.122 | 0 | 0.160 | 0.178B | 0.074B | --- | 24 |
| 25 | --- | --- | --- | 2.05 B | 1.50 | 0.124 | 0.103 | 0 | 0.162 | 0.117B | 0.072B | --- | 25 |
| 26 | --- | --- | --- | 1.91 B | 1.39 | 0.106 | 0.158 | 0 | 0.164 | 0.123B | 0.070B | --- | 26 |
| 27 | --- | --- | --- | 1.78 B | 1.15 | 0.105 | 0.166 | 0 | 0.131 | 0.107B | 0.072B | --- | 27 |
| 28 | --- | --- | --- | 1.64 B | 0.988 | 0.103 | 0.172 | 0.021 | 0.131 | 0.217B | 0.074B | --- | 28 |
| 29 | --- | | --- | 1.59 B | 0.874 | 0.095 | 0.203 | 0.011 | 0.136 | 0.274B | 0.076B | --- | 29 |
| 30 | --- | | --- | 1.54 B | 0.772 | 0.087 | 0.115 | 0.006 | 0.134 | 0.217B | 0.080B | --- | 30 |
| 31 | --- | | --- | | 0.702 | | 0.058 | 0.012 | | 0.138B | | --- | 31 |
| TOTAL | --- | --- | --- | 17.587 | 42.725 | 7.478 | 3.899 | 0.948 | 4.520 | 4.842 | 3.458 | --- | TOTAL |
| MEAN | --- | --- | --- | 0.586 | 1.38 | 0.249 | 0.100 | 0.030 | 0.151 | 0.156 | 0.115 | --- | MEAN |
| MAX | --- | --- | --- | 2.19 | 2.15 | 0.640 | 0.203 | 0.088 | 0.388 | 0.274 | 0.193 | --- | MAX |
| MIN | --- | --- | --- | 0 | 0.702 | 0.087 | 0.036 | 0 | 0.021 | 0.107 | 0.070 | --- | MIN |

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.346
MAXIMUM DAILY, 2.15 ON MAY 21
MINIMUM DAILY, 0 ON AUG 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 02 54 N
LONG 112 41 59 W
DRAINAGE AREA, 3 680 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 248 |
| FEB | --- | AUG | 81.2 |
| MAR | --- | SEP | 391 |
| APR | 1 528 | OCT | 618 |
| MAY | 3 690 | NOV | 298 |
| JUN | 646 | DEC | --- |

TOTAL DISCHARGE, 5 490 dam³

## LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 81.9E | 73.3E | 66.5E | 59.6E | --- | --- | 83.4 | 92.1 | 99.7 | 96.4 | 90.7 | 88.0 | 1 |
| 2 | 81.6E | 73.1E | 66.3E | 59.4E | --- | --- | 84.0 | 92.7 | 101 | 97.8 | 90.1 | 87.8 | 2 |
| 3 | 81.3E | 72.8E | 66.0E | 59.2E | --- | --- | 83.9 | 93.5 | 102 | 97.8 | 89.8 | 88.1 | 3 |
| 4 | 81.0E | 72.5E | 65.8E | 58.9E | --- | --- | 84.4 | 93.0 | 99.7 | 97.4 | 87.2 | 87.9 | 4 |
| 5 | 80.6E | 72.3A | 65.5E | 58.7E | --- | --- | 84.2 | 91.2 | 98.1 | 98.0 | 86.4 | 87.0 | 5 |
| 6 | 80.3E | 72.0E | 65.3E | 58.5E | --- | --- | 84.1 | 90.8 | 97.3 | 97.9 | 88.4 | 86.6 | 6 |
| 7 | 80.0E | 71.8E | 65.0E | 58.3E | --- | --- | 83.9 | 91.9 | 99.3 | 97.0 | 89.6 | 85.6 | 7 |
| 8 | 79.7E | 71.5E | 64.8E | 58.1E | --- | --- | 84.9 | 91.8 | 103 | 97.1 | 89.6 | 84.8 | 8 |
| 9 | 79.4E | 71.3E | 64.5E | 57.9E | --- | --- | 86.0 | 91.2 | 102 | 96.9 | 89.8 | 84.5E | 9 |
| 10 | 79.1E | 71.0E | 64.3E | 57.7E | --- | --- | 85.9 | 90.4 | 103 | 97.3 | 90.2 | 84.3E | 10 |
| 11 | 78.9E | 70.8E | 64.0E | 57.5E | --- | --- | 86.1 | 92.1 | 119 | 98.1 | 88.5 | 84.1E | 11 |
| 12 | 78.6E | 70.5E | 63.8E | 57.3E | --- | --- | 85.9 | 92.7 | 105 | 98.1 | 88.1 | 83.8E | 12 |
| 13 | 78.3E | 70.3E | 63.6E | 57.1E | --- | --- | 86.3 | 92.5 | 98.8 | 97.3 | 88.2 | 83.6E | 13 |
| 14 | 78.0E | 70.0E | 63.3E | 57.0E | --- | --- | 86.3 | 93.6 | 97.0 | 98.0 | 88.4 | 83.4E | 14 |
| 15 | 77.8E | 69.8E | 63.1E | 56.8E | --- | --- | 86.6 | 96.6 | 98.5 | 97.6 | 88.5 | 83.2E | 15 |
| 16 | 77.5E | 69.6E | 62.9E | 56.6E | --- | --- | 86.5 | 95.1 | 99.0 | 97.5 | 88.1 | 83.0E | 16 |
| 17 | 77.3E | 69.3E | 62.7E | 56.4E | --- | --- | 86.7 | 95.2 | 98.5 | 96.7 | 88.1 | 82.8E | 17 |
| 18 | 77.0E | 69.1E | 62.4E | 56.2E | --- | --- | 86.5 | 96.9 | 99.1 | 95.5 | 88.7 | 82.5E | 18 |
| 19 | 76.8E | 68.9E | 62.2E | 56.0E | --- | --- | 86.7 | 96.8 | 98.9 | 94.8 | 88.5 | 82.3E | 19 |
| 20 | 76.5E | 68.7E | 62.0E | 55.8E | --- | --- | 88.4 | 96.0 | 99.6 | 94.4 | 88.4 | 82.1E | 20 |
| 21 | 76.3E | 68.4E | 61.8E | 55.6E | --- | --- | 86.0 | 95.1 | 101 | 95.8 | 88.2 | 81.9E | 21 |
| 22 | 76.0E | 68.2E | 61.6E | 55.4E | --- | 81.4 | 87.4 | 94.4 | 98.5 | 96.0 | 87.9 | 81.7E | 22 |
| 23 | 75.7E | 68.0E | 61.4E | 55.2A | --- | 81.0 | 89.2 | 95.0 | 99.4 | 97.5 | 86.8 | 81.5E | 23 |
| 24 | 75.5E | 67.8E | 61.2E | 55.0E | --- | 80.8 | 89.2 | 95.5 | 99.0 | 97.4 | 86.3 | 81.2E | 24 |
| 25 | 75.2E | 67.5E | 61.0E | 54.8E | --- | 81.6 | 88.6 | 97.4 | 103 | 94.1 | 87.0 | 81.0E | 25 |
| 26 | 74.9E | 67.3E | 60.8E | 54.5E | --- | 81.9 | 89.7 | 98.9 | 100 | 95.6 | 86.9 | 80.8E | 26 |
| 27 | 74.6E | 67.0E | 60.6E | 54.3E | --- | 82.2 | 90.3 | 97.1 | 99.0 | 93.7 | 87.9 | 80.6E | 27 |
| 28 | 74.4E | 66.8E | 60.4E | 54.1E | --- | 82.6 | 89.2 | 97.6 | 98.7 | 92.1 | 87.7 | 80.4E | 28 |
| 29 | 74.1E | | 60.2E | 53.9E | --- | 83.4 | 89.2 | 97.5 | 98.1 | 92.5 | 87.5 | 80.2E | 29 |
| 30 | 73.8E | | 60.0E | 53.6E | --- | 83.8 | 90.6 | 96.3 | 97.3 | 92.1 | 87.7 | 79.9E | 30 |
| 31 | 73.6E | | 59.8E | | --- | | 91.4 | 97.1 | | 90.7 | | 79.7E | 31 |
| TOTAL | 2 405.7 | 1 959.6 | 1 952.8 | 1 699.4 | --- | --- | 2 691.5 | 2 926.0 | 3 012.5 | 2 979.1 | 2 648.2 | 2 584.3 | TOTAL |
| MEAN | 77.6 | 70.0 | 63.0 | 56.6 | --- | --- | 86.8 | 94.4 | 100 | 96.1 | 88.3 | 83.4 | MEAN |
| MAX | 81.9 | 73.3 | 66.5 | 59.6 | --- | --- | 91.4 | 98.9 | 119 | 98.1 | 90.7 | 88.1 | MAX |
| MIN | 73.6 | 66.8 | 59.8 | 53.6 | --- | --- | 83.4 | 90.4 | 97.0 | 90.7 | 86.3 | 79.7 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 119 ON SEP 11

MAXIMUM INSTANTANEOUS, 125 AT 18:15 MST ON SEP 11

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 53 20 N
LONG 108 28 20 W
DRAINAGE AREA, 26 700 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 208 000 | JUL | 233 000 |
| FEB | 169 000 | AUG | 253 000 |
| MAR | 169 000 | SEP | 260 000 |
| APR | 147 000 | OCT | 257 000 |
| MAY | --- | NOV | 229 000 |
| JUN | --- | DEC | 223 000 |

## LORILLARD RIVER ABOVE DALY BAY - STATION NO. 060A001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 0B | 0B | 0B | 0 B | 3 000E | 109 | 28.4 | 20.0 | 3.50 B | 0B | 1 |
| 2 | --- | --- | 0B | 0B | 0B | 0 B | 2 650E | 106 | 27.6 | 19.7 | 3.10 B | 0B | 2 |
| 3 | --- | --- | 0B | 0B | 0B | 0 B | 2 200A | 104 | 27.0 | 18.5 | 2.70 B | 0B | 3 |
| 4 | --- | --- | 0B | 0B | 0B | 0 B | 1 930 | 101 | 27.2 | 17.9 | 2.30 B | 0B | 4 |
| 5 | --- | --- | 0B | 0B | 0B | 0 B | 1 440 | 97.4 | 26.6 | 17.7 | 2.00 B | 0B | 5 |
| 6 | --- | --- | 0B | 0B | 0B | 0 B | 1 100 | 93.6 | 26.3 | 17.5 | 1.80 B | 0B | 6 |
| 7 | --- | --- | 0B | 0B | 0B | 0 B | 870 | 89.3 | 26.5 | 17.0 | 1.50 B | 0B | 7 |
| 8 | --- | --- | 0B | 0B | 0B | 0 B | 700 | 84.6 | 26.0 | 16.5 | 1.10 B | 0B | 8 |
| 9 | --- | --- | 0B | 0B | 0B | 0 B | 566 | 81.4 | 25.6 | 15.6 | 0.900B | 0B | 9 |
| 10 | --- | --- | 0B | 0B | 0B | 0 B | 460 | 77.3 | 25.0 | 14.9 | 0.600B | 0B | 10 |
| 11 | --- | --- | 0B | 0B | 0B | 0 B | 374 | 72.6 | 24.3 | 14.9 | 0.300B | 0B | 11 |
| 12 | --- | --- | 0B | 0B | 0B | 0 B | 313 | 68.3 | 23.3 | 15.6 | 0.100B | 0B | 12 |
| 13 | --- | --- | 0B | 0B | 0B | 0 B | 265 | 64.6 | 22.9 | 15.6 | 0 B | 0B | 13 |
| 14 | --- | --- | 0B | 0B | 0B | 0 B | 232 | 61.3 | 22.7 | 15.0 | 0 B | 0B | 14 |
| 15 | --- | --- | 0B | 0B | 0B | 0 B | 210 | 58.8 | 22.9 | 14.7 | 0 B | 0B | 15 |
| 16 | --- | --- | 0B | 0B | 0B | 0.100B | 193 | 55.7 | 22.3 | 13.9 | 0 B | 0B | 16 |
| 17 | --- | --- | 0B | 0B | 0B | 0.700B | 178 | 53.2 | 22.9 | 13.0 B | 0 B | 0B | 17 |
| 18 | --- | --- | 0B | 0B | 0B | 1.00 B | 166 | 50.2 | 22.3 | 12.0 B | 0 B | 0B | 18 |
| 19 | --- | --- | 0B | 0B | 0B | 3.00 B | 157 | 48.2 | 22.2 | 11.0 B | 0 B | 0B | 19 |
| 20 | --- | --- | 0B | 0B | 0B | 7.00 B | 150 | 46.3 | 22.3 | 10.5 B | 0 B | 0B | 20 |
| 21 | --- | --- | 0B | 0B | 0B | 45.0 B | 144 | 44.5 | 22.2 | 9.80B | 0 B | 0B | 21 |
| 22 | --- | --- | 0B | 0B | 0B | 130 B | 140 | 42.2 | 22.4 | 8.90B | 0 B | 0B | 22 |
| 23 | --- | --- | 0B | 0B | 0B | 370 B | 135 | 41.0 | 22.3 | 8.40B | 0 B | 0B | 23 |
| 24 | --- | --- | 0B | 0B | 0B | 1 030 B | 132 | 39.5 | 21.9 | 7.80B | 0 B | 0B | 24 |
| 25 | --- | --- | 0B | 0B | 0B | 3 500 B | 130 | 37.5 | 21.9 | 7.10B | 0 B | 0B | 25 |
| 26 | --- | --- | 0B | 0B | 0B | 3 700 E | 128 | 35.3 | 21.8 | 6.50B | 0 B | 0B | 26 |
| 27 | --- | --- | 0B | 0B | 0B | 3 700 E | 126 | 34.4 | 21.2 | 5.90B | 0 B | 0B | 27 |
| 28 | --- | --- | 0B | 0B | 0B | 3 690 E | 125 | 33.2 | 20.8 | 5.30B | 0 B | 0B | 28 |
| 29 | --- | | 0B | 0B | 0B | 3 580 E | 119 | 31.6 | 20.3 | 5.00B | 0 B | 0B | 29 |
| 30 | --- | | 0B | 0B | 0B | 3 400 E | 116 | 29.9 | 20.6 | 4.50B | 0 B | 0B | 30 |
| 31 | --- | | 0B | | 0B | | 112 | 28.9 | | 4.00B | | 0B | 31 |
| TOTAL | --- | --- | 0 | 0 | 0 | 23 156.80 | 18 561 | 1 920.8 | 709.9 | 384.70 | 19.900 | 0 | TOTAL |
| MEAN | --- | --- | 0 | 0 | 0 | 772 | 599 | 62.0 | 23.7 | 12.4 | 0.663 | 0 | MEAN |
| MAX | --- | --- | 0 | 0 | 0 | 3 700 | 3 000 | 109 | 28.4 | 20.0 | 3.50 | 0 | MAX |
| MIN | --- | --- | 0 | 0 | 0 | 0 | 112 | 28.9 | 20.3 | 4.00 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 209
MAXIMUM DAILY, 3 700E ON JUN 26
MINIMUM DAILY, 0B ON APR 1

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 15 20 N
LONG 90 26 20 W
DRAINAGE AREA, 11 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 1 600 000 |
| FEB | --- | AUG | 166 000 |
| MAR | 0 | SEP | 61 300 |
| APR | 0 | OCT | 33 200 |
| MAY | 0 | NOV | 1 720 |
| JUN | 2 000 000 | DEC | 0 |

TOTAL DISCHARGE, 3 860 000 dam³

## NORTHWEST TERRITORIES

### MAC CREEK NEAR THE MOUTH - STATION NO. 10EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.390B | 0.100B | 0.020B | 0.010B | 0.010B | 7.75 | 10.0 | 3.04 | 2.28 | 3.92 | 0.840B | 0.560B | 1 |
| 2 | 0.370B | 0.090B | 0.020B | 0.010B | 0.010B | 9.78 | 10.3 | 2.99 | 2.62 | 3.00 | 0.810B | 0.560B | 2 |
| 3 | 0.360B | 0.080B | 0.020B | 0.010B | 0.010B | 10.2 | 9.04 | 2.77 | 2.85 | 2.73 | 0.790B | 0.550B | 3 |
| 4 | 0.350B | 0.070B | 0.020B | 0.010B | 0.010B | 8.22 | 7.74 | 2.40 | 2.62 | 2.60 | 0.770B | 0.550B | 4 |
| 5 | 0.340B | 0.070B | 0.020B | 0.010B | 0.010B | 5.94 | 7.11 | 2.59 | 2.59 | 2.51 | 0.750B | 0.540B | 5 |
| 6 | 0.330B | 0.060B | 0.020B | 0.010B | 0.015B | 6.21 | 5.93 | 2.71 | 2.54 | 2.46 | 0.730B | 0.540B | 6 |
| 7 | 0.320B | 0.060B | 0.020B | 0.010B | 0.015B | 9.47 | 5.53 | 2.37 | 2.96 | 2.34 | 0.720B | 0.540B | 7 |
| 8 | 0.310B | 0.050B | 0.020B | 0.010B | 0.015B | 13.8 | 5.74 | 2.20 | 2.94 | 2.21 | 0.700B | 0.530B | 8 |
| 9 | 0.300B | 0.050B | 0.020B | 0.010B | 0.020B | 17.9 | 5.11 | 2.18 | 3.03 | 2.11 | 0.690B | 0.530B | 9 |
| 10 | 0.290B | 0.050B | 0.020B | 0.010B | 0.025B | 21.9 | 5.43 | 2.11 | 2.77 | 2.37 | 0.680B | 0.530B | 10 |
| 11 | 0.280B | 0.040B | 0.020B | 0.005B | 0.030B | 22.7 | 5.82 | 3.73 | 2.53 | 2.39 | 0.670B | 0.520B | 11 |
| 12 | 0.270B | 0.040B | 0.020B | 0.005B | 0.040B | 23.2 | 4.23 | 4.68 | 2.33 | 2.36 | 0.660B | 0.520B | 12 |
| 13 | 0.270B | 0.040B | 0.020B | 0.005B | 0.060B | 21.0 | 3.60 | 4.17 | 2.17 | 2.70 | 0.650B | 0.520B | 13 |
| 14 | 0.260B | 0.030B | 0.020B | 0.005B | 0.210B | 25.1 | 3.43 | 3.27 | 2.12 | 2.57 | 0.640B | 0.510B | 14 |
| 15 | 0.250B | 0.030B | 0.020B | 0.005B | 0.330B | 21.7 | 3.36 | 2.77 | 2.08 | 2.33 | 0.640B | 0.510B | 15 |
| 16 | 0.240B | 0.030B | 0.015B | 0.001B | 0.500E | 13.8 | 3.54 | 2.47 | 2.14 | 2.35 | 0.630B | 0.510B | 16 |
| 17 | 0.240B | 0.030B | 0.015B | 0.001B | 0.800E | 8.29 | 3.41 | 2.33 | 2.19 | 2.02 B | 0.620B | 0.500B | 17 |
| 18 | 0.230B | 0.020B | 0.015B | 0.001B | 1.20 E | 8.69 | 3.65 | 2.44 | 2.13 | 1.80 B | 0.610B | 0.500B | 18 |
| 19 | 0.220B | 0.020B | 0.015B | 0.001B | 1.90 E | 17.1 | 3.32 | 2.38 | 2.07 | 1.60 B | 0.610B | 0.500B | 19 |
| 20 | 0.220B | 0.020B | 0.015B | 0.001B | 2.93 A | 23.5 | 2.85 | 2.14 | 2.00 | 1.50 B | 0.600B | 0.500B | 20 |
| 21 | 0.210B | 0.020B | 0.015B | 0.001B | 2.89 | 19.7 | 2.58 | 2.04 | 1.99 | 1.40 B | 0.600B | 0.490B | 21 |
| 22 | 0.200B | 0.020B | 0.015B | 0.001B | 2.71 | 7.62 | 2.52 | 2.11 | 1.96 | 1.30 B | 0.600B | 0.490B | 22 |
| 23 | 0.190B | 0.020B | 0.015B | 0.001B | 2.34 | 9.04 | 2.58 | 2.04 | 1.86 | 1.20 B | 0.590B | 0.480B | 23 |
| 24 | 0.180B | 0.020B | 0.015B | 0.005B | 2.26 | 9.09 | 2.36 | 2.68 | 2.04 | 1.15 B | 0.590B | 0.480B | 24 |
| 25 | 0.170B | 0.020B | 0.015B | 0.005B | 2.36 | 10.7 | 2.29 | 3.07 | 2.01 | 1.10 B | 0.580B | 0.480B | 25 |
| 26 | 0.160B | 0.020B | 0.015B | 0.005B | 2.66 | 10.7 | 2.18 | 2.54 | 1.81 | 1.05 B | 0.580B | 0.480B | 26 |
| 27 | 0.150B | 0.020B | 0.015B | 0.005B | 3.36 | 12.4 | 2.07 | 2.33 | 1.97 | 1.00 B | 0.570B | 0.470B | 27 |
| 28 | 0.140B | 0.020B | 0.015B | 0.005B | 4.43 | 13.5 | 1.92 | 2.23 | 2.09 | 0.980B | 0.570B | 0.470B | 28 |
| 29 | 0.120B | | 0.010B | 0.010B | 5.87 | 12.7 | 1.88 | 2.06 | 1.95 | 0.940B | 0.570B | 0.470B | 29 |
| 30 | 0.110B | | 0.010B | 0.010B | 6.26 | 9.64 | 1.84 | 2.01 | 2.44 | 0.900B | 0.560B | 0.460B | 30 |
| 31 | 0.110B | | 0.010B | | 6.32 | | 2.63 | 2.14 | | 0.870B | | 0.460B | 31 |
| TOTAL | 7.580 | 1.140 | 0.525 | 0.178 | 89.600 | 406.34 | 133.99 | 80.99 | 69.06 | 59.760 | 19.620 | 15.750 | TOTAL |
| MEAN | 0.245 | 0.041 | 0.017 | 0.006 | 1.60 | 13.5 | 4.32 | 2.61 | 2.30 | 1.93 | 0.654 | 0.508 | MEAN |
| MAX | 0.390 | 0.100 | 0.020 | 0.010 | 6.32 | 25.1 | 10.3 | 4.68 | 3.03 | 3.92 | 0.840 | 0.560 | MAX |
| MIN | 0.110 | 0.020 | 0.010 | 0.001 | 0.010 | 5.94 | 1.84 | 2.01 | 1.81 | 0.870 | 0.560 | 0.460 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.31
MAXIMUM DAILY, 25.1 ON JUN 14
MINIMUM DAILY, 0.001B ON APR 16
MAXIMUM INSTANTANEOUS,
33.6 AT 02:46 MST ON JUN 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 12 00 N
LONG 128 45 10 W
DRAINAGE AREA, 214 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 655 | JUL | 11 600 |
| FEB | 98.5 | AUG | 7 000 |
| MAR | 45.4 | SEP | 5 970 |
| APR | 15.4 | OCT | 5 160 |
| MAY | 4 290 | NOV | 1 700 |
| JUN | 35 100 | DEC | 1 360 |

TOTAL DISCHARGE, 73 000 dam³

### MACKENZIE RIVER (EAST CHANNEL) ABOVE KITTIGAZUIT BAY - STATION NO. 10LC013

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | 6.951 | 6.914 | --- | 6.748 | 6.759 | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | 7.067 | 6.873 | --- | 6.710 | 6.741 | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | 7.161 | 6.837 | --- | 6.686 | 6.750 | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | 6.819 | --- | 6.719 | 6.795 | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | 6.880 | --- | 6.687 | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | 6.822 | 7.003 | 6.692 | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | 6.855 | 6.875 | 6.667 | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | 6.816 | 6.747 | 6.649 | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | 6.702 | 6.883 | 6.701 | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | 6.603 | 6.822 | 6.684 | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | 6.664 | 6.910 | 6.697 | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | 6.572 | 6.945 | 6.739 | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | 6.559 | 7.002 | 6.722 | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | 6.800 | 7.069 | 6.662 | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | 6.710 | 6.907 | 6.639 | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | 6.808 | 6.891 | 6.649 | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | 7.058 | 6.890 | 6.692 | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | 6.845 | 6.774 | 6.688 | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | 6.686 | 6.952 | 6.745 | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | 6.716 | 7.277 | 6.728 | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | 6.671 | 7.484 | 6.672 | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | 6.505 | 7.122 | 6.631 | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | 6.592 | 6.879 | 6.664 | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | 6.743 | 6.872 | 6.645 | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6.941 | 6.636 | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 6.888 | --- | --- | 6.923 | 6.648 | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 7.218 | 6.893 | --- | 6.881 | 6.715 | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 7.211 | 6.932 | --- | 6.901 | 6.762 | --- | 28 |
| 29 | --- | | --- | --- | --- | --- | 7.060 | 6.888 | --- | 6.906 | 6.794 | --- | 29 |
| 30 | --- | | --- | --- | --- | --- | 6.822 | 6.826 | --- | 6.891 | 6.788 | --- | 30 |
| 31 | --- | | --- | | --- | | 6.755 | 6.885 | | 6.818 | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6.695 | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6.794 | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6.631 | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 18 20 N
LONG 133 53 35 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

## MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16.3B | 16.9B | 11.8 B | 5.60B | 5.30B | 790B | 369 | 183 | 168 | 101 | 48.6B | 26.8B | 1 |
| 2 | 16.4B | 16.8B | 11.5 B | 5.50B | 5.30B | 820B | 351 | 183 | 162 | 97.8 | 48.5B | 26.0B | 2 |
| 3 | 16.5B | 16.7B | 11.2 B | 5.40B | 5.40B | 840B | 336 | 186 | 152 | 136 | 48.4B | 25.2B | 3 |
| 4 | 16.6B | 16.6B | 10.9 B | 5.40B | 5.50B | 830B | 322 | 202 | 139 | 211 A | 48.3B | 24.5B | 4 |
| 5 | 16.6B | 16.5B | 10.6 B | 5.30B | 5.55B | 810B | 310 | 199 | 134 | 204 E | 48.2B | 24.2B | 5 |
| 6 | 16.7B | 16.4B | 10.3 B | 5.30B | 5.70B | 790B | 300 | 199 | 126 | 197 E | 48.1B | 23.8B | 6 |
| 7 | 16.7B | 16.3B | 10.0 B | 5.20B | 5.90B | 770B | 295 | 191 | 123 | 190 E | 48.0B | 23.4B | 7 |
| 8 | 16.8B | 16.2B | 9.60B | 5.17B | 6.00B | 750B | 285 | 181 | 126 | 183 E | 48.0B | 23.3B | 8 |
| 9 | 16.9B | 16.0B | 9.30B | 5.10B | 6.20B | 730B | 272 | 183 | 121 | 176 E | 48.0B | 23.3B | 9 |
| 10 | 17.0B | 15.8B | 9.00B | 5.10B | 6.40B | 715E | 260 | 196 | 113 | 169 E | 48.0B | 23.3B | 10 |
| 11 | 17.0B | 15.7B | 8.70B | 5.00B | 6.70B | 676 | 247 | 184 | 110 | 162 E | 47.8B | 23.3B | 11 |
| 12 | 17.1B | 15.5B | 8.50B | 5.00B | 7.03B | 636A | 233 | 178 | 108 | 155 E | 47.6B | 23.3B | 12 |
| 13 | 17.1B | 15.4B | 8.30B | 5.00B | 7.50B | 611E | 221 | 184 | 102 | 150 A | 47.3B | 23.3B | 13 |
| 14 | 17.2B | 15.2B | 8.10B | 5.00B | 8.40B | 585E | 209 | 153 | 113 | 82.0B | 46.8B | 23.3B | 14 |
| 15 | 17.3B | 15.0B | 7.80B | 4.90B | 9.30B | 561E | 204 | 158 | 124 | 70.0B | 46.3B | 23.4B | 15 |
| 16 | 17.3B | 14.8B | 7.60B | 4.90B | 10.4 B | 535E | 206 | 167 | 131 | 64.2B | 45.9B | 23.5B | 16 |
| 17 | 17.4B | 14.6B | 7.40B | 4.90B | 12.0 B | 511E | 221 | 206 | 137 | 60.0B | 45.3B | 23.6B | 17 |
| 18 | 17.5B | 14.4B | 7.20B | 4.90B | 13.7 B | 490A | 239 | 258 | 148 | 56.9B | 45.2B | 23.7B | 18 |
| 19 | 17.6B | 14.3B | 7.00B | 4.90B | 16.0 B | 481 | 231 | 266 | 152 | 55.2B | 44.1B | 23.7B | 19 |
| 20 | 17.6B | 14.0B | 6.90B | 4.90B | 18.7 B | 477 | 232 | 273 | 139 | 53.8B | 43.5B | 23.7B | 20 |
| 21 | 17.5B | 13.8B | 6.70B | 4.90B | 22.5 B | 476 | 230 | 290 | 132 | 53.0B | 42.8B | 23.8B | 21 |
| 22 | 17.5B | 13.6B | 6.60B | 5.00B | 27.0 B | 474 | 230 | 304 | 121 | 52.2B | 41.5B | 23.8B | 22 |
| 23 | 17.4B | 13.4B | 6.50B | 5.00B | 34.0 B | 468 | 231 | 285 | 112 | 51.5B | 40.0B | 23.9B | 23 |
| 24 | 17.4B | 13.2B | 6.30B | 5.00B | 46.0 B | 464 | 235 | 260 | 114 | 50.6B | 38.0B | 23.9B | 24 |
| 25 | 17.4B | 13.0B | 6.20B | 5.00B | 78.0 B | 455 | 243 | 236 | 114 | 50.2B | 35.8B | 24.0B | 25 |
| 26 | 17.3B | 12.7B | 6.10B | 5.10B | 135 B | 443 | 230 | 214 | 108 | 49.8B | 33.8B | 24.1B | 26 |
| 27 | 17.3B | 12.5B | 6.00B | 5.10B | 230 B | 426 | 242 | 202 | 108 | 49.6B | 32.0B | 24.3B | 27 |
| 28 | 17.2B | 12.3B | 5.90B | 5.10B | 400 B | 407 | 262 | 199 | 113 | 49.2B | 30.5B | 24.5B | 28 |
| 29 | 17.1B | | 5.80B | 5.20B | 570 B | 393 | 234 | 191 | 111 | 49.0B | 29.0B | 24.7B | 29 |
| 30 | 17.0B | | 5.70B | 5.20B | 690 B | 389 | 211 | 182 | 105 | 48.9B | 27.8B | 24.9B | 30 |
| 31 | 17.0B | | 5.70B | | 750 B | | 190 | 172 | | 48.7B | | 25.0B | 31 |
| TOTAL | 529.7 | 417.6 | 249.20 | 153.07 | 3 149.48 | 17 803 | 7 871 | 6 445 | 3 826 | 3 126.7 | 1 293.1 | 745.5 | TOTAL |
| MEAN | 17.1 | 14.9 | 8.04 | 5.10 | 102 | 593 | 254 | 208 | 128 | 101 | 43.1 | 24.0 | MEAN |
| MAX | 17.6 | 16.9 | 11.8 | 5.60 | 750 | 840 | 369 | 304 | 177 | 211 | 48.6 | 26.8 | MAX |
| MIN | 16.3 | 12.3 | 5.70 | 4.90 | 5.30 | 389 | 190 | 153 | 102 | 48.7 | 27.8 | 23.3 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 125
MAXIMUM DAILY, 840B ON JUN 3
MINIMUM DAILY, 4.90B ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 22 33 N
LONG 133 45 46 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 45 800 | JUL | 680 000 |
| FEB | 36 100 | AUG | 557 000 |
| MAR | 21 500 | SEP | 331 000 |
| APR | 13 200 | OCT | 270 000 |
| MAY | 272 500 | NOV | 112 000 |
| JUN | 1 540 000 | DEC | 64 400 |

TOTAL DISCHARGE, 3 940 000 dam³

## MACKENZIE RIVER (MARCUS CHANNEL) BELOW MIDDLE CHANNEL - STATION NO. 10MC009

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | 6.735 | --- | --- | 6.266 | 6.189 | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | 6.778 | --- | --- | 6.213 | 6.194 | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | 6.867 | --- | --- | 6.171 | 6.203 | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | 6.928 | --- | --- | 6.168 | 6.235 | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | 6.887 | --- | --- | 6.159 | 6.252 | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | 6.843 | --- | --- | 6.143 | 6.254 | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | 6.736 | --- | 6.518 | 6.135 | 6.264 | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | 6.663 | --- | 6.405 | 6.127 | 6.279 | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | 6.760 | --- | 6.463 | 6.143 | 6.290 | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | 6.805 | --- | 6.384 | 6.153 | 6.311 | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | 6.732 | --- | 6.520 | 6.156 | 6.330 | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | 6.695 | --- | 6.480 | 6.170 | 6.338 | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | 6.584 | --- | 6.740 | 6.180 | 6.347 | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | 6.654 | --- | 6.927 | 6.176 | 6.357 | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 6.695 | 6.653 | --- | 6.774 | 6.172 | 6.371 | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 6.758 | 6.696 | --- | 6.701 | 6.168 | 6.383 | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 6.894 | 6.846 | --- | 6.647 | 6.164 | 6.393 | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 6.884 | 6.912 | --- | 6.591 | 6.173 | 6.388 | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 6.931 | 6.941 | --- | 6.589 | 6.190 | 6.380 | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 6.943 | 6.883 | --- | 6.668 | 6.202 | 6.384 | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 6.[illegible] | 6.948 | --- | 6.868 | 6.201 | 6.393 | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 6.920 | 6.974 | --- | 6.845 | 6.171 | 6.407 | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 6.905 | --- | --- | 6.746 | 6.151 | 6.412 | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 7.016 | --- | --- | 6.676 | 6.149 | 6.412 | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 6.988 | --- | --- | 6.622 | 6.145 | 6.412 | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 6.861 | --- | --- | 6.575 | 6.148 | 6.420 | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 7.135 | --- | --- | 6.532 | 6.156 | 6.430 | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 7.120 | --- | --- | 6.485 | 6.173 | 6.440 | 28 |
| 29 | --- | | --- | --- | --- | --- | 6.920 | --- | --- | 6.451 | 6.185 | 6.452 | 29 |
| 30 | --- | | --- | --- | --- | --- | 6.761 | --- | --- | 6.408 | 6.195 | 6.463 | 30 |
| 31 | --- | | --- | | --- | | 6.672 | --- | | 6.338 | | 6.465 | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6.170 | 6.350 | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6.266 | 6.465 | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 6.127 | 6.185 | MIN |

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 47 55 N
LONG 134 41 45 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

MACKENZIE RIVER (MIDDLE CHANNEL) AT TUNUNUK POINT - STATION NO. 10LC012

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | 6.696 | 6.649 | 6.329 | 6.339 | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | 6.774 | 6.614 | 6.337 | 6.287 | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | 6.836 | 6.559 | 6.803 | 6.256 | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | 6.910 | 6.502 | 7.156 | 6.260 | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | 6.859 | 6.526 | 6.835 | 6.245 | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | 6.811 | 6.456 | 6.659 | 6.236 | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | 6.719 | 6.447 | 6.539 | 6.231 | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | 6.661 | 6.467 | 6.434 | 6.223 | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | 6.779 | 6.407 | 6.514 | 6.248 | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | 6.832 | 6.347 | 6.438 | 6.253 | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | 6.708 | 6.338 | 6.581 | 6.256 | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | 6.687 | 6.302 | 6.542 | 6.279 | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | 6.653 | 6.289 | 6.764 | 6.282 | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | 6.651 | 6.463 | 6.955 | 6.265 | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 6.658 | 6.638 | 6.473 | 6.781 | 6.255 | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 6.724 | 6.673 | 6.564 | 6.715 | 6.252 | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 6.858 | --- | 6.856 | 6.671 | 6.266 | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 6.833 | --- | 6.636 | 6.615 | 6.272 | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 6.880 | --- | 6.493 | 6.648 | 6.290 | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 6.907 | --- | 6.449 | 6.777 | 6.293 | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 6.880 | --- | 6.424 | 6.986 | 6.277 | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 6.891 | --- | 6.330 | 6.889 | 6.251 | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 6.876 | --- | 6.321 | 6.759 | 6.243 | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 6.963 | --- | 6.432 | 6.698 | 6.229 | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 6.946 | --- | 6.430 | 6.659 | 6.211 | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 6.808 | --- | 6.381 | 6.617 | 6.206 | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 7.041 | 6.681 | 6.443 | 6.572 | 6.222 | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 7.106 | 6.710 | 6.468 | 6.534 | 6.240 | --- | 28 |
| 29 | --- | | --- | --- | --- | --- | 6.894 | 6.661 | 6.421 | 6.510 | 6.256 | --- | 29 |
| 30 | --- | | --- | --- | --- | --- | 6.731 | 6.642 | 6.379 | 6.475 | 6.259 | --- | 30 |
| 31 | --- | | --- | | --- | | 6.630 | 6.624 | | 6.406 | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | 6.462 | 6.652 | 6.256 | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | 6.856 | 7.156 | 6.339 | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | 6.289 | 6.329 | 6.206 | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 00 57 N
LONG 134 41 32 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (MIDDLE CHANNEL) BELOW RAYMOND CHANNEL - STATION NO. 10MC008

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | 5.283 | 5.202 | 4.691 | 4.370 | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | 5.307 | 5.152 | 4.653 | 4.310 | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | 5.331 | 5.079 | 4.969 | 4.264 | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | 5.451 | 4.993 | 5.405 | 4.265 | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | 5.428 | 4.968 | 5.220 | 4.261 | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | 5.434 | 4.931 | 5.029 | 4.268 | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | 5.380 | 4.894 | 4.909 | 4.268 | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 5.872A | 5.314 | 4.933 | 4.783 | 4.268 | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 5.825 | 5.335 | 4.886 | 4.795 | 4.265 | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 5.770 | 5.418 | 4.820 | 4.753 | 4.276 | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 5.675 | 5.297 | 4.799 | 4.796 | 4.276 | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 5.601 | 5.250 | --- | 4.810 | 4.285 | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 5.541 | 5.158 | --- | 4.911 | 4.299 | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 5.496 | 5.114 | --- | 5.240 | 4.304 | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 5.500 | 5.172 | --- | 5.088 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 5.539 | 5.375 | --- | 5.018 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 5.648 | 5.702 | --- | 4.954 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 5.676 | 5.982 | --- | 4.891 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 5.677 | 5.977 | --- | 4.905 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 5.690 | 5.948 | --- | 4.982 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 5.674 | 6.026 | --- | 5.216 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 5.672 | 6.049 | 4.871 | 5.242 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 5.683 | 5.916 | 4.792 | 5.150 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 5.720 | 5.739 | 4.821 | 5.068 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 5.733 | 5.600 | 4.818 | 4.967 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 5.603 | 5.461 | 4.759 | 4.885 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 5.644 | 5.416 | 4.758 | 4.814 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 5.754 | 5.406 | 4.807 | 4.727 | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | --- | 5.550 | 5.349 | 4.783 | 4.652 | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | --- | 5.431 | 5.287 | 4.728 | 4.570 | --- | --- | 30 |
| 31 | --- | | --- | | --- | | 5.295 | 5.221 | | 4.462 | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | 5.488 | --- | 4.921 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | 6.049 | --- | 5.405 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | 5.114 | --- | 4.462 | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 17 35 N
LONG 134 25 20 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (OUTFLOW MIDDLE CHANNEL) BELOW LANGLEY ISLAND - STATION NO. 10NC010

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | 7.690 | 7.354 | 7.460 | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | 7.650 | 7.385 | 7.405 | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | 7.599 | 7.963 | 7.371 | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | 7.541 | 8.292 | 7.376 | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | 7.566 | 7.889 | 7.364 | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | 7.474 | 7.686 | 7.354 | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | 7.457 | 7.575 | 7.351 | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | 7.472 | 7.491 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | 7.423 | 7.577 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | 7.376 | 7.477 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | 7.354 | 7.694 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | 7.317 | 7.587 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | 7.326 | 7.956 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | 7.492 | 8.063 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | 7.492 | 7.908 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | 7.624 | 7.830 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | 7.924 | 7.776 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | 7.626 | 7.721 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | 7.489 | 7.740 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | 7.437 | 7.879 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | 7.434 | 8.084 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | 7.356 | 7.979 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | 7.356 | 7.856 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | 7.483 | 7.794 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | 7.463 | 7.750 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | 7.661A | 7.418 | 7.710 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | 7.713 | 7.484 | 7.680 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | 7.744 | 7.519 | 7.645 | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | --- | --- | 7.683 | 7.451 | 7.625 | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | --- | --- | 7.677 | 7.395 | 7.593 | --- | --- | 30 |
| 31 | --- | | --- | | --- | | | 7.665 | | 7.527 | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | 7.490 | 7.745 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | 7.924 | 8.292 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | 7.317 | 7.354 | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 05 07 N
LONG 135 07 20 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER (PEEL CHANNEL) ABOVE AKLAVIK - STATION NO. 10NC003

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | 6.572 | 6.423 | 6.006 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | 6.549 | 6.391 | 5.966 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | 6.573 | 6.327 | 6.239 | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | 6.679 | 6.251 | 6.760 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | 6.705 | 6.216 | 6.590 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | 6.728 | 6.191 | 6.420 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | 6.680 | 6.172 | 6.277 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | 6.612 | 6.210 | 6.141 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | 6.616 | 6.163 | 6.140 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | 6.699 | 6.089 | 6.079 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 6.850A | 6.614 | 6.068 | 6.181 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 6.801 | 6.561 | 6.055 | 6.161 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 6.719 | 6.465 | 6.016 | 6.332 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 6.657 | 6.386 | 6.095 | 6.447 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 6.612 | 6.393 | 6.167 | 6.392 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 6.615 | 6.395 | 6.174 | 6.330 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 6.731 | 6.506 | 6.432 | 6.279 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 6.761 | 6.742 | 6.428 | 6.245 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 6.761 | 6.789 | 6.324 | 6.233 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 6.772 | 6.847 | 6.239 | 6.286 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 6.768 | 6.961 | 6.206 | 6.338 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 6.751 | 7.101 | 6.116 | 6.339 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 6.741 | 7.081 | 6.043 | 6.330 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 6.729 | 6.967 | 6.050 | 6.319 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 6.781 | 6.840 | 6.075 | 6.292 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 6.725 | 6.704 | 6.024 | 6.258 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 6.774 | 6.626 | 6.061 | 6.202 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 6.929 | 6.594 | 6.142 | 6.142 | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | --- | 6.798 | 6.542 | 6.111 | 6.064 | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | --- | 6.699 | 6.492 | 6.051 | 5.976 | --- | --- | 30 |
| 31 | --- | | --- | | --- | | 6.597 | 6.438 | | 5.897 | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | 6.660 | 6.177 | 6.246 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | 7.101 | 6.432 | 6.760 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | 6.386 | 6.016 | 5.897 | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 12 50 N
LONG 135 06 50 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

MACKENZIE RIVER (REINDEER CHANNEL) AT ELLICE ISLAND - STATION NO. 10MC011

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | 6.217 | 5.862 | 6.214 | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | 6.164 | 5.925 | 6.154 | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | 6.081 | 6.788 | 6.119 | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | 6.043 | 6.070 | 6.134 | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | 6.108 | 6.368 | 6.134 | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | 5.942 | 6.161 | 6.187 | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | 5.983 | 6.064 | 6.184 | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | 5.992 | 6.017 | 6.092 | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | 5.928 | 6.183 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | 5.893 | 5.997 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | 5.868 | 6.281 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | 5.826 | 6.136 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | 5.844 | 6.615 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | 6.088 | 6.659 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | 5.999 | 6.589 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | 6.184 | 6.463 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | 6.456 | 6.419 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | 6.078 | 6.376 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | 5.943 | 6.378 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | 5.989 | 6.468 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | 5.951 | 6.634 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | 5.812 | 6.542 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | 5.863 | 6.435 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | 6.023 | 6.391 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | 5.955 | 6.366 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | 6.054 | 5.921 | 6.345 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | 6.201 | 6.039 | 6.338 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | 6.219 | 6.070 | 6.313 | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | --- | --- | 6.126 | 5.946 | 6.311 | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | --- | --- | 6.189 | 5.877 | 6.303 | --- | --- | 30 |
| 31 | --- | | --- | | --- | | --- | 6.168 | | 6.271 | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | 5.999 | 6.342 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | 6.456 | 6.870 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | 5.812 | 5.862 | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 01 15 N
LONG 135 33 15 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER ABOVE ARCTIC RED RIVER - STATION NO. 10LA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 170B | 2 840B | 2 760B | 2 310B | 2 680B | 25 000B | 19 500 | 10 200E | 11 100 | 9 240 | 6 230B | 2 800B | 1 |
| 2 | 2 180B | 2 840B | 2 750B | 2 300B | 2 720B | 27 300B | 18 800 | 10 400E | 10 800 | 9 130 | 6 010B | 2 790B | 2 |
| 3 | 2 190B | 2 840B | 2 730B | 2 300B | 2 800B | 28 500B | 18 100 | 10 500E | 10 500 | 9 150 | 5 810B | 2 810B | 3 |
| 4 | 2 200B | 2 850B | 2 720B | 2 290B | 2 870B | 28 800B | 17 600 | 10 700E | 10 300 | 9 320 | 5 610B | 2 870B | 4 |
| 5 | 2 210B | 2 860B | 2 710B | 2 280B | 2 940B | 28 600E | 17 100A | 10 900E | 10 200 | 9 420 | 5 410B | 2 930B | 5 |
| 6 | 2 220B | 2 870B | 2 700B | 2 280B | 3 030B | 28 200A | 16 500E | 11 000E | 10 100 | 9 350 | 5 210B | 3 080B | 6 |
| 7 | 2 230B | 2 870B | 2 690B | 2 270B | 3 130B | 27 300 | 15 900E | 11 100E | 10 200 | 9 230 | 5 010B | 3 360B | 7 |
| 8 | 2 250B | 2 870B | 2 680B | 2 270B | 3 240B | 26 200 | 15 700E | 11 400E | 10 300 | 9 060 | 4 830B | 3 540B | 8 |
| 9 | 2 260B | 2 870B | 2 660B | 2 270B | 3 360B | 25 600 | 15 300E | 11 800A | 10 300 | 8 960 | 4 680B | 3 600B | 9 |
| 10 | 2 280B | 2 870B | 2 650B | 2 270B | 3 490B | 25 000 | 14 900E | 11 600 | 10 100 | 8 930 | 4 510B | 3 640B | 10 |
| 11 | 2 290B | 2 870B | 2 630B | 2 270B | 3 640B | 24 200 | 14 600E | 11 500 | 10 100 | 8 800 | 4 370B | 3 670B | 11 |
| 12 | 2 300B | 2 870B | 2 610B | 2 280B | 3 800B | 23 300 | 14 200E | 11 400 | 10 100 | 8 790 | 4 220B | 3 690B | 12 |
| 13 | 2 340B | 2 870B | 2 600B | 2 280B | 4 000B | 22 400 | 13 800E | 11 100 | 10 300 | 8 800 | 4 070B | 3 710B | 13 |
| 14 | 2 370B | 2 870B | 2 590B | 2 280B | 4 020B | 21 900 | 13 600E | 10 900 | 11 000 | 8 920 | 3 970B | 3 730B | 14 |
| 15 | 2 400B | 2 870B | 2 570B | 2 290B | 4 240B | 22 000 | 13 300E | 12 200 | 11 600 | 8 890 | 3 840B | 3 770B | 15 |
| 16 | 2 440B | 2 860B | 2 550B | 2 300B | 4 720B | 22 500 | 13 200E | 15 700 | 11 800 | 8 780 | 3 730B | 3 760B | 16 |
| 17 | 2 470B | 2 850B | 2 530B | 2 300B | 5 050B | 23 100 | 13 000E | 18 600 | 11 600 | 8 710 | 3 610B | 3 750B | 17 |
| 18 | 2 500B | 2 850B | 2 520B | 2 310B | 5 420B | 23 900 | 12 700E | 19 300 | 11 400 | 8 720 | 3 510B | 3 740B | 18 |
| 19 | 2 530B | 2 840B | 2 510B | 2 320B | 5 840B | 24 900 | 12 100E | 18 500 | 11 000 | 8 670 | 3 420B | 3 730B | 19 |
| 20 | 2 570B | 2 840B | 2 500B | 2 330B | 6 380B | 25 700 | 12 000E | 17 200 | 10 800 | 8 460B | 3 340B | 3 720B | 20 |
| 21 | 2 600B | 2 830B | 2 480B | 2 340B | 6 960B | 25 800 | 12 000E | 15 900 | 10 600 | 8 280B | 3 250B | 3 700B | 21 |
| 22 | 2 630B | 2 820B | 2 460B | 2 370B | 7 630B | 25 800 | 12 300E | 15 000 | 10 400 | 8 080B | 3 170B | 3 690B | 22 |
| 23 | 2 670B | 2 810B | 2 440B | 2 390B | 8 400B | 25 500 | 13 200E | 14 380 | 10 200 | 7 920B | 3 080B | 3 670B | 23 |
| 24 | 2 700B | 2 810B | 2 430B | 2 410B | 9 480B | 25 000 | 13 300E | 13 800 | 9 980 | 7 730B | 3 000B | 3 650B | 24 |
| 25 | 2 720B | 2 800B | 2 410B | 2 440B | 10 600B | 24 200 | 12 400E | 13 500 | 9 820 | 7 560B | 2 960B | 3 630B | 25 |
| 26 | 2 750B | 2 800B | 2 400B | 2 480B | 12 000B | 23 300 | 11 400E | 13 200 | 9 670 | 7 390B | 2 920B | 3 610B | 26 |
| 27 | 2 780B | 2 790B | 2 380B | 2 500B | 13 800B | 22 400 | 10 500E | 12 800 | 9 560 | 7 200B | 2 880B | 3 600B | 27 |
| 28 | 2 790B | 2 780B | 2 370B | 2 530B | 15 800B | 21 500 | 10 100E | 12 500 | 9 530 | 7 000B | 2 840B | 3 590B | 28 |
| 29 | 2 800B | | 2 350B | 2 590B | 18 200B | 20 800 | 9 850E | 12 200 | 9 410 | 6 810B | 2 810B | 3 570B | 29 |
| 30 | 2 820B | | 2 330B | 2 620B | 20 400B | 20 200 | 9 890E | 11 800 | 9 340 | 6 600B | 2 800B | 3 550B | 30 |
| 31 | 2 830B | | 2 320B | | 22 800B | | 10 050E | 11 400 | | 6 420B | | 3 520B | 31 |
| TOTAL | 76 490 | 79 610 | 79 030 | 70 470 | 223 360 | 738 900 | 426 840 | 402 400 | 312 110 | 260 330 | 121 100 | 108 470 | TOTAL |
| MEAN | 2 470 | 2 840 | 2 550 | 2 350 | 7 210 | 24 600 | 13 800 | 13 000 | 10 400 | 8 400 | 4 040 | 3 500 | MEAN |
| MAX | 2 830 | 2 870 | 2 760 | 2 620 | 22 800 | 28 800 | 19 500 | 19 300 | 11 800 | 9 420 | 6 230 | 3 770 | MAX |
| MIN | 2 170 | 2 780 | 2 320 | 2 270 | 2 680 | 20 200 | 9 850 | 10 200 | 9 340 | 6 420 | 2 800 | 2 790 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 940
MAXIMUM DAILY, 28 800B ON JUN 4
MINIMUM DAILY, 2 170B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 21 30 N
LONG 133 33 30 W
DRAINAGE AREA, 1 660 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 610 000 | JUL | 36 900 000 |
| FEB | 6 880 000 | AUG | 34 800 000 |
| MAR | 6 830 000 | SEP | 27 000 000 |
| APR | 6 090 000 | OCT | 22 500 000 |
| MAY | 19 300 000 | NOV | 10 500 000 |
| JUN | 63 800 000 | DEC | 9 370 000 |

TOTAL DISCHARGE, 251 000 000 dam³

## MACKENZIE RIVER AT FORT GOOD HOPE - STATION NO. 10LD001

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 6.582 | 4.806 | 2.678 | 2.273 | 1.494 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 6.196 | 4.687 | 2.665 | 2.188 | 1.505 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 5.930 | 4.499 | 2.698 | 2.188 | 1.503 | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 5.868 | 4.225 | 2.815 | 2.130 | 1.462 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 5.878 | 4.119 | 2.885 | 2.154 | 1.431 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 5.847 | 4.035 | 2.809 | 2.188 | 1.387 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 5.866 | 3.939 | 2.884 | 2.189 | 1.338 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 5.900 | 3.801 | 2.730 | 2.137 | 1.304 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 5.818 | 3.762 | 2.696 | 2.186 | 1.274 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 5.658 | 3.722 | 2.678 | 2.188 | 1.228 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 5.500 | 3.690 | 2.687 | 2.382 | 1.202 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 5.352 | 3.677 | 2.694 | 2.774 | 1.185 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 5.341 | 3.788 | 2.846 | 3.115 | 1.173 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 5.948 | 3.906 | 4.572 | 3.861 | 1.118 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 5.622 | 3.993 | 5.699 | 2.843 | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 5.897 | 3.876 | 5.644 | 2.655 | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 6.318 | 3.699 | 5.123 | 2.499 | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 6.605 | 3.611 | 4.594 | 2.386 | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 6.715 | 3.661 | 4.189 | 2.295 | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 6.624 | 3.775 | 3.919 | 2.232 | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 6.545 | 4.037 | 3.692 | 2.144 | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 6.451 | 4.078 | 3.615 | 2.025 | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 6.323 | 3.815 | 3.562 | 1.918 | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 6.087 | 3.679 | 3.483 | 1.807 | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 5.852 | 3.198 | 3.349 | 1.727 | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 5.709 | 3.047 | 3.196 | 1.685 | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | 8.113 | 5.540 | 2.955 | 3.030 | 1.689 | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | 7.761 | 5.363 | 2.958 | 2.869 | 1.535 | --- | --- | --- | 28 |
| 29 | --- | | --- | --- | 7.429 | 5.182 | 2.848 | 2.772 | 1.506 | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | 7.197 | 4.992 | 2.728 | 2.547 | 1.478 | --- | --- | --- | 30 |
| 31 | --- | | --- | | 6.889 | | 2.694 | 2.393 | | --- | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | 5.899 | 3.789 | 3.344 | 2.173 | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | 6.715 | 4.806 | 5.699 | 3.115 | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 4.992 | 2.694 | 2.393 | 1.478 | --- | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 15 15 N
LONG 128 38 00 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 17.646 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

REMARKS - THE (LOCAL 1981 ADJ.) REFERS TO GSC REVISION NO. 1 IN 1981

## MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 280B | 2 010B | 1 990B | 1 980B | 2 350B | 12 600 | 11 200 | 7 690 | 7 380 | 6 690 | 6 050E | 2 800B | 1 |
| 2 | 2 260B | 2 010B | 1 990B | 1 970B | 2 500B | 12 800 | 11 300 | 7 680 | 7 360 | 6 610 | 6 030A | 2 830B | 2 |
| 3 | 2 250B | 2 010B | 1 990B | 1 970B | 2 900B | 13 100 | 11 200 | 7 700 | 7 320 | 6 580 | 6 070 | 2 850B | 3 |
| 4 | 2 220B | 2 010B | 1 990B | 1 970B | 3 300B | 13 600 | 11 100 | 7 770 | 7 250 | 6 550 | 6 010 | 2 850B | 4 |
| 5 | 2 210B | 2 010B | 1 990B | 1 970B | 3 900B | 13 800 | 11 000 | 7 810 | 7 230 | 6 540 | 5 980B | 2 850B | 5 |
| 6 | 2 200B | 2 010B | 1 980B | 1 970B | 4 600B | 13 800 | 10 900 | 7 770 | 7 220 | 6 560 | 5 780B | 2 850B | 6 |
| 7 | 2 190B | 2 010B | 1 980B | 1 970B | 5 400B | 13 300 | 10 900 | 7 640 | 7 260 | 6 550 | 5 780B | 2 850B | 7 |
| 8 | 2 180B | 2 010B | 1 980B | 1 970B | 6 500B | 12 700 | 10 900 | 7 570E | 7 290 | 6 540 | 5 680B | 2 850B | 8 |
| 9 | 2 170B | 2 010B | 1 980B | 1 970B | 7 600B | 12 100 | 10 800 | 7 520A | 7 340 | 6 520 | 5 370B | 2 850B | 9 |
| 10 | 2 150B | 2 010B | 1 980B | 1 970B | 8 800B | 11 800 | 10 700 | 7 520 | 7 330 | 6 470 | 5 090B | 2 860B | 10 |
| 11 | 2 140B | 2 000B | 1 980B | 1 970B | 10 000B | 11 800 | 10 600 | 7 500 | 7 290 | 6 430 | 4 900B | 2 840B | 11 |
| 12 | 2 120B | 2 000B | 1 980B | 1 970B | 12 000B | 12 300 | 10 400 | 7 450 | 7 310 | 6 370 | 4 720B | 2 820B | 12 |
| 13 | 2 110B | 2 000B | 1 980B | 1 970B | 11 800B | 13 100 | 10 400 | 7 920 | 7 350 | 6 350 | 4 600B | 2 800B | 13 |
| 14 | 2 100B | 2 000B | 1 980B | 1 970B | 11 500B | 13 900 | 10 500 | 8 610 | 7 360 | 6 320 | 4 500B | 2 780B | 14 |
| 15 | 2 090B | 2 000B | 1 980B | 1 980B | 11 000B | 14 300 | 10 200A | 8 930 | 7 280 | 6 290 | 4 410B | 2 780B | 15 |
| 16 | 2 080B | 2 000B | 1 980B | 1 980B | 12 000B | 14 700 | 9 780E | 8 910 | 7 160 | 6 270 | 4 350B | 2 780B | 16 |
| 17 | 2 060B | 2 000B | 1 980B | 1 980B | 14 000B | 14 900 | 9 250A | 8 920 | 7 060 | 6 380 | 4 280B | 2 770B | 17 |
| 18 | 2 050B | 2 000B | 1 980B | 1 980B | 16 200 | 14 800 | 9 030 | 8 790 | 6 970 | 6 430 | 3 900B | 2 750B | 18 |
| 19 | 2 030B | 2 000B | 1 980B | 1 990B | 16 600 | 14 300 | 8 870 | 8 520 | 6 950 | 6 480 | 3 600B | 2 740B | 19 |
| 20 | 2 020B | 2 000B | 1 980B | 1 990B | 18 500 | 13 700 | 8 740 | 8 240 | 6 920 | 6 470 | 3 300B | 2 720B | 20 |
| 21 | 2 010B | 1 990B | 1 980B | 1 990B | 20 700 | 13 300 | 8 790 | 8 080 | 6 900 | 6 370 | 2 900B | 2 700B | 21 |
| 22 | 2 010B | 1 990B | 1 980B | 1 990B | 20 200 | 13 300 | 8 800 | 7 920 | 6 850 | 6 310 | 2 700B | 2 700B | 22 |
| 23 | 2 010B | 1 990B | 1 980B | 1 990B | 19 300 | 13 500 | 8 560 | 7 850 | 6 820 | 6 290 | 2 500B | 2 680B | 23 |
| 24 | 2 010B | 1 990B | 1 980B | 1 990B | 17 400 | 13 400 | 8 270 | 7 710 | 6 800 | 6 300 | 2 400B | 2 680B | 24 |
| 25 | 2 010B | 1 990B | 1 980B | 1 990B | 15 800 | 13 100 | 8 160 | 7 570 | 6 750 | 6 330 | 2 300B | 2 660B | 25 |
| 26 | 2 010B | 1 990B | 1 980B | 1 990B | 14 700 | 12 600 | 8 110 | 7 420 | 6 700 | 6 240 | 2 400B | 2 650B | 26 |
| 27 | 2 010B | 1 990B | 1 980B | 2 000B | 13 800 | 12 000 | 8 000 | 7 310 | 6 670 | 6 220 | 2 500B | 2 650B | 27 |
| 28 | 2 010B | 1 990B | 1 980B | 2 050B | 13 100 | 11 500 | 7 890 | 7 240 | 6 720 | 6 260 | 2 600B | 2 630B | 28 |
| 29 | 2 010B | | 1 980B | 2 150B | 12 600 | 11 300 | 7 830 | 7 230 | 6 680 | 6 210 | 2 700B | 2 610B | 29 |
| 30 | 2 010B | | 1 980B | 2 250B | 12 400 | 11 100 | 7 750 | 7 200 | 6 680 | 6 090E | 2 800B | 2 600B | 30 |
| 31 | 2 010B | | 1 980B | | 12 500 | | 7 700 | 7 370 | | 6 070E | | 2 600B | 31 |
| TOTAL | 65 020 | 56 020 | 61 430 | 59 880 | 353 750 | 393 500 | 297 630 | 243 440 | 212 200 | 198 190 | 126 100 | 85 400 | TOTAL |
| MEAN | 2 100 | 2 000 | 1 980 | 1 996 | 11 800 | 13 100 | 9 600 | 7 850 | 7 070 | 6 390 | 4 200 | 2 750 | MEAN |
| MAX | 2 280 | 2 010 | 1 990 | 2 250 | 20 700 | 14 900 | 11 300 | 8 930 | 7 380 | 6 690 | 6 070 | 2 860 | MAX |
| MIN | 2 010 | 1 990 | 1 980 | 1 970 | 2 350 | 11 100 | 7 700 | 7 230 | 6 670 | 6 070 | 2 300 | 2 600 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 890
MAXIMUM DAILY, 20 700 ON MAY 21
MINIMUM DAILY, 1 970B ON APR 2
MAXIMUM INSTANTANEOUS,
20 900 AT 09:10 MDT ON MAY 21

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 07 N
LONG 121 21 25 W
DRAINAGE AREA, 1 270 000 km²
A - MEDIAN GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 620 000 | JUL | 25 700 000 |
| FEB | 4 840 000 | AUG | 21 000 000 |
| MAR | 5 310 000 | SEP | 18 300 000 |
| APR | 5 170 000 | OCT | 17 100 000 |
| MAY | 30 600 000 | NOV | 10 900 000 |
| JUN | 33 900 000 | DEC | 7 380 000 |

TOTAL DISCHARGE, 186 000 000 dam³

## MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 4900 | 2 3900 | 2 3900 | 2 2300 | 2 6600 | 19 400 | 15 2000 | 10 700 | 9 930 | 9 040A | 9 4000 | 3 5000 | 1 |
| 2 | 2 4900 | 2 3700 | 2 3900 | 2 2500 | 2 6900 | 18 700 | 14 700A | 11 000 | 9 800 | 9 020A | 8 9000 | 3 4300 | 2 |
| 3 | 2 4800 | 2 3700 | 2 3900 | 2 2700 | 2 7200 | 18 500 | 14 500 | 11 200 | 9 800 | 8 960A | 8 8000 | 3 4000 | 3 |
| 4 | 2 4900 | 2 3700 | 2 3900 | 2 2900 | 2 7700 | 18 500 | 14 300 | 11 200 | 9 800 | 8 930A | 8 8000 | 3 3700 | 4 |
| 5 | 2 4800 | 2 3600 | 2 3900 | 2 3000 | 2 8300 | 18 700 | 14 200 | 11 000 | 10 000 | 8 900A | 7 6300 | 3 3400 | 5 |
| 6 | 2 4700 | 2 3600 | 2 3800 | 2 3100 | 2 9700 | 19 200 | 14 000 | 10 800 | 10 000 | 8 730A | 7 3800 | 3 3300 | 6 |
| 7 | 2 4700 | 2 3600 | 2 3800 | 2 3200 | 3 1600 | 19 300 | 13 700 | 10 700 | 9 910 | 8 700A | 6 9500 | 3 3200 | 7 |
| 8 | 2 4600 | 2 3500 | 2 3700 | 2 3300 | 3 4000 | 18 900 | 13 600 | 10 800 | 9 800 | 8 640A | 6 6500 | 3 3100 | 8 |
| 9 | 2 4600 | 2 3500 | 2 3700 | 2 3400 | 3 6700 | 18 500 | 13 400 | 10 700 | 9 920 | 8 590A | 6 3800 | 3 3000 | 9 |
| 10 | 2 4500 | 2 3500 | 2 3700 | 2 3500 | 3 9000 | 18 000 | 13 300 | 10 500 | 10 700 | 8 540A | 6 1200 | 3 2900 | 10 |
| 11 | 2 4500 | 2 3400 | 2 3600 | 2 3600 | 4 3000 | 17 400 | 13 300 | 10 300 | 12 000 | 8 440A | 5 9000 | 3 2800 | 11 |
| 12 | 2 4500 | 2 3400 | 2 3600 | 2 3800 | 4 8000 | 17 000A | 13 500 | 11 000 | 12 400 | 8 520A | 5 6000 | 3 2700 | 12 |
| 13 | 2 4400 | 2 3400 | 2 3600 | 2 3900 | 5 4100 | 17 300E | 14 000 | 11 100 | 11 900 | 8 440A | 5 4000 | 3 2600 | 13 |
| 14 | 2 4400 | 2 3300 | 2 3600 | 2 4000 | 6 2000 | 17 600E | 14 200 | 10 600 | 11 300 | 8 470A | 5 3000 | 3 2500 | 14 |
| 15 | 2 4300 | 2 3300 | 2 3600 | 2 4100 | 7 3000 | 17 900A | 13 000A | 10 000 | 11 000 | 8 400A | 5 1300 | 3 2400 | 15 |
| 16 | 2 4300 | 2 3300 | 2 3500 | 2 4200 | 9 8000 | 18 500 | 13 600E | 10 200 | 10 700 | 8 190 | 4 9900 | 3 2300 | 16 |
| 17 | 2 4300 | 2 3300 | 2 3500 | 2 4400 | 13 0000 | 21 000 | 13 300E | 10 000 | 10 500 | 8 110 | 4 6200 | 3 2200 | 17 |
| 18 | 2 4200 | 2 3200 | 2 3500 | 2 4600 | 17 0000 | 21 200 | 13 100E | 10 000 | 10 400 | 8 060 | 4 4000 | 3 2100 | 18 |
| 19 | 2 4200 | 2 3200 | 2 3500 | 2 4800 | 20 0000 | 20 700 | 12 800E | 10 200 | 10 300 | 8 060 | 4 5500 | 3 2000 | 19 |
| 20 | 2 4200 | 2 3200 | 2 3600 | 2 4900 | 22 6000 | 20 000 | 12 600E | 12 900 | 10 100 | 7 990 | 4 4500 | 3 1900 | 20 |
| 21 | 2 4100 | 2 3200 | 2 3600 | 2 5000 | 24 1000 | 19 700 | 12 300E | 12 800 | 9 850 | 8 020 | 4 3300 | 3 1900 | 21 |
| 22 | 2 4100 | 2 3100 | 2 3600 | 2 5100 | 25 2000 | 19 000 | 12 100E | 12 600 | 9 600 | 8 140 | 4 2200 | 3 1800 | 22 |
| 23 | 2 4000 | 2 3100 | 2 3300 | 2 5300 | 25 9000 | 19 000 | 11 800A | 12 300 | 9 430 | 8 300 | 4 1200 | 3 1700 | 23 |
| 24 | 2 4000 | 2 3100 | 2 3300 | 2 5400 | 26 3000 | 18 400 | 11 700 | 12 000 | 9 330 | 8 540 | 4 0100 | 3 1600 | 24 |
| 25 | 2 4000 | 2 3100 | 2 3300 | 2 5500 | 26 9000 | 18 100 | 11 400 | 11 700 | 9 230 | 8 580 | 3 9500 | 3 1500 | 25 |
| 26 | 2 4000 | 2 3100 | 2 2200 | 2 5700 | 25 6000 | 17 600 | 11 100 | 11 300 | 9 120A | 8 470 | 3 9500 | 3 1400 | 26 |
| 27 | 2 3900 | 2 3000 | 2 2200 | 2 5900 | 24 3000A | 17 100 | 10 900 | 11 100 | 9 070A | 8 730 | 3 7700 | 3 1400 | 27 |
| 28 | 2 3900 | 2 3000 | 2 2200 | 2 6100 | 23 300 | 16 500 | 10 800 | 10 800 | 9 030A | 8 900 | 3 7000 | 3 1300 | 28 |
| 29 | 2 3900 | | 2 2100 | 2 6300 | 22 100 | 16 000A | 10 600 | 10 500 | 8 870A | 9 260 | 3 6300 | 3 1300 | 29 |
| 30 | 2 3900 | | 2 2100 | 2 6300 | 21 100 | 15 400E | 10 400 | 10 200 | 8 930A | 9 490 | 3 5700 | 3 1200 | 30 |
| 31 | 2 3900 | | 2 2200 | | 20 400 | | 10 500 | 10 000 | | 9 980 | | 3 1200 | 31 |
| TOTAL | 75 420 | 65 390 | 69 840 | 72 870 | 486 530 | 554 900 | 398 700 | 381 900 | 383 010 | 267 450 | 165 830 | 108 570 | TOTAL |
| MEAN | 2 430 | 2 340 | 2 250 | 2 430 | 13 100 | 18 500 | 12 900 | 12 300 | 10 100 | 8 630 | 5 530 | 3 260 | MEAN |
| MAX | 2 490 | 3 300 | 2 300 | 2 630 | 26 900 | 21 200 | 15 200 | 19 600 | 12 400 | 9 980 | 9 600 | 3 570 | MAX |
| MIN | 2 380 | 2 300 | 2 210 | 2 230 | 2 660 | 15 400 | 10 400 | 10 000 | 8 870 | 7 990 | 3 570 | 3 126 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 848
MAXIMUM DAILY, 26 900E ON MAY 25
MINIMUM DAILY, 2 2100 ON MAR 29

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 16 54 N
LONG 126 50 56 W

DRAINAGE AREA, 1 570 000 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 6 520 000 | JUL | 34 400 000 |
| FEB | 5 650 000 | AUG | 33 000 000 |
| MAR | 6 030 000 | SEP | 26 [illegible] |
| APR | 6 300 000 | OCT | 23 [illegible] |
| MAY | 35 100 000 | NOV | 14 [illegible] |
| JUN | 47 900 000 | DEC | 9 690 000 |

TOTAL DISCHARGE, 247 900 000 dam³

## MACKENZIE RIVER AT SAHS SAULT RAPIDS - STATION NO. 10KD001

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 6.988 | --- | 4.515 | 4.333 | 3.983 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 6.738 | --- | 4.572 | 4.295 | 3.919 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 6.677 | --- | 4.661 | 4.280 | 3.890 | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 6.666 | --- | 4.708 | 4.291 | 3.877 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 6.653 | --- | 4.737 | 4.310 | 3.861 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 6.655 | --- | 4.675 | 4.328 | 3.820 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 6.704 | --- | 4.616 | 4.310 | 3.798 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 6.689 | --- | 4.584 | 4.273 | 3.788 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 6.578 | --- | 4.578 | 4.271 | 3.759 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 6.465 | --- | 4.559 | 4.317 | 3.735 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 6.339 | --- | 4.806 | 4.559 | 3.728 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 6.266 | --- | 4.686 | 4.878 | 3.722 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 6.322 | --- | 5.388 | 4.946 | 3.700 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 6.370 | --- | 6.585 | 4.887 | 3.651 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 6.552 | 5.374 | 6.719 | 4.667 | 3.661 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 6.747 | 5.287 | 6.382 | 4.563 | 3.622 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 7.112 | 5.167 | 5.967 | 4.405 | 3.566 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 5.168 | 5.633 | 4.435 | 3.536 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 5.223 | 5.446 | 4.396 | 3.525 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 5.368 | 5.293 | 4.367 | 3.518 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 5.474 | 5.284 | 4.287 | 3.505 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 5.355 | 5.182 | 4.228 | 3.521 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 5.129 | 5.138 | 4.151 | 3.535 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 4.933 | 5.048 | 4.093 | 3.631 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 4.838 | 4.958 | 4.038 | 3.787 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 4.789 | 4.864 | 3.976 | 3.983 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | 7.995 | --- | 4.789 | 4.761 | 3.938 | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | 7.670 | --- | 4.718 | 4.664 | 3.907 | --- | --- | --- | 28 |
| 29 | --- | | --- | --- | 7.470 | --- | 4.637 | 4.570 | 3.903 | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | 7.362 | --- | 4.588 | 4.469 | 3.887 | --- | --- | --- | 30 |
| 31 | --- | | --- | | 7.122 | | 4.532 | 4.386 | | --- | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | 5.019 | 4.316 | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | 6.719 | 4.946 | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | 4.386 | 3.887 | --- | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 05 54 N
LONG 130 05 03 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 21.603 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

REMARKS - WSE (LOCAL 1981 ADJ.) REFERS TO GSC REVISION NO. 2 IN 1981

MACKENZIE RIVER BELOW POINT GRAHAM - STATION NO. 10LC011

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | 5.325 | 6.768 | 5.103 | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | 5.251 | 6.719 | 5.058 | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | 5.168 | 6.706 | 5.037 | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | 5.103 | 6.998 | 5.042 | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | 5.055 | 6.901 | 5.062 | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | 5.007 | 6.873 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 6.325A | --- | 5.034 | 6.812 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 6.273 | --- | 5.061 | 6.731 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 6.203 | --- | 5.053 | 6.702 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 6.151 | --- | 5.010 | 6.691 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 6.080 | --- | 4.995 | 6.661 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 6.032 | --- | 4.990 | 6.674 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 6.010 | --- | 5.017 | 6.680 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 6.013 | --- | 5.166 | 6.825 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 6.013A | --- | 5.321 | 6.778 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 6.039 | 6.099A | 5.366 | 6.728 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 6.101 | 6.412 | 5.401 | 6.707 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 6.091 | 6.508 | 5.378 | 6.737 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 6.062 | 6.512 | 5.276 | 6.747 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 6.036 | 6.395 | 5.179 | 6.798 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 6.044 | 6.276 | 5.122 | 6.929 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 6.048 | 6.212 | 5.062 | 5.193 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 6.085 | 6.099 | 4.997 | 5.514 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 6.079 | 5.979 | 4.958 | 5.831 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 6.072 | 5.875 | 4.928 | 6.208 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | 5.785 | 4.881 | 6.309 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | 5.715 | 4.858 | 5.997 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | 5.659 | 4.853 | 5.809 | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | --- | --- | 5.579 | 4.828 | 5.630 | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | --- | --- | 5.487 | 4.789 | 5.374 | --- | --- | 30 |
| 31 | --- | | --- | | --- | | --- | 5.393 | | 5.181 | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | 5.092 | 5.972 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | 5.401 | 6.909 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | 4.789 | 4.661 | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 30 00 N
LONG 134 08 10 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER NEAR PORT PROVIDENCE - STATION NO. 10PB001

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 3.094 | 3.303 | 3.185 | 2.898 | 2.788 | 2.646 | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 3.102 | 3.299 | 3.185 | 2.923 | 2.807 | 2.734 | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 3.114 | 3.285 | 3.165 | 2.947 | 2.859 | 2.733 | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 3.015 | 3.283 | 3.128 | 2.964 | 2.863 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 2.727 | 3.267 | 3.076 | 2.963 | 2.868 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 2.585 | 3.247 | 3.043 | 2.938 | 2.871 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 2.570 | 3.227 | 3.037 | 2.886 | 2.838 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 2.700 | 3.209 | 3.041 | 2.839 | 2.815 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 2.910 | 3.196 | 3.047 | 2.862 | 2.784 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 3.006 | 3.233 | 3.034 | 2.946 | 2.788 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 2.994 | 3.242 | 3.018 | 2.979 | 2.776 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 2.929 | 3.225 | 2.983 | 2.993 | 2.787 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 2.769 | 3.203 | 2.941 | 2.988 | 2.787 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 2.839 | 3.198 | 2.908 | 2.889 | 2.787 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 3.014 | 3.171 | 2.970 | 2.858 | 2.817 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 3.183 | 3.176 | 2.997 | 2.893 | 2.928 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 3.244 | 3.167 | 3.009 | 2.886 | 2.971 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | 0.585A | 3.258 | 3.131 | 3.010 | 2.886 | 2.828 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 3.206 | 3.071 | 2.928 | 2.890 | 2.766 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 3.330 | 3.047 | 2.899 | 2.898 | 2.769 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 3.342 | 3.074 | 2.913 | 2.883 | 2.826 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 3.269 | 3.098 | 2.925 | 2.897 | 2.892 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 3.267 | 3.088 | 2.882 | 2.925 | 2.830 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 3.268 | 3.075 | 2.892 | 2.919 | 2.713 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | 3.025A | 3.373 | 3.060 | 2.854 | 2.862 | 2.704 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | 3.048 | 3.280 | 3.079 | 2.890 | 2.861 | 2.794 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | 3.053 | 3.285 | 3.038 | 2.930 | 2.860 | 2.658 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | 3.071 | 3.291 | 3.058 | 2.861 | 2.846 | 2.658 | --- | --- | 28 |
| 29 | --- | | --- | --- | 3.093 | 3.309 | 3.074 | 2.938 | 2.886 | 2.644 | --- | --- | 29 |
| 30 | --- | | --- | --- | 3.057 | 3.307 | 3.082 | 2.916 | 2.874 | 2.733 | --- | --- | 30 |
| 31 | --- | | --- | | 3.071 | | 3.137 | 2.896 | | 2.753 | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | 3.085 | 3.163 | 2.987 | 2.911 | 2.797 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | 3.342 | 3.303 | 3.185 | 2.993 | 2.971 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 2.570 | 3.038 | 2.854 | 2.829 | 2.644 | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 44 N
LONG 117 39 48 W

A - MANUAL GAUGE

REGULATED SINCE 1968

DRAINAGE AREA,
971 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
ADD 147.914 M ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

REMARKS - THE (LOCAL 1981 ADJ.) REFERS TO GSC REVISION NO. 3 IN 1981

NORTHWEST TERRITORIES

MACKENZIE RIVER NEAR WRIGLEY - STATION NO. 10HC001

DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | 8.812 | 6.367 | --- | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 7.995 | 6.308 | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 7.951 | 6.456 | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 7.936 | 6.473 | --- | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 7.881 | 6.460 | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 7.834 | 6.449 | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 7.888 | 6.448 | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 7.767 | 6.439 | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 7.769 | 6.367 | --- | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 8.652A | 7.778 | 6.295 | --- | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 7.780 | 6.429 | --- | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 7.833 | 7.233 | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 7.861 | 7.881 | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 7.738 | 7.899 | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 7.657 | 7.771 | --- | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 7.559 | 7.536 | --- | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 10.019A | 7.409 | 7.342 | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 9.964 | 7.297 | 7.267 | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 9.841 | 7.482 | 7.288 | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 9.693 | 7.586 | 7.191 | --- | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 9.360 | 7.358 | 7.075 | --- | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 9.161 | 7.071 | 6.954 | --- | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 9.105 | 6.998 | 6.849 | --- | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 9.164 | 6.982 | 6.751 | --- | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 9.101 | 6.825 | 6.647A | --- | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 8.928 | 6.715 | 6.485A | --- | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | 10.306A | 8.751 | 6.607 | 6.430 | --- | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 8.542 | 6.532 | 6.335 | --- | --- | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | 8.301 | 6.457 | --- | --- | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | 8.128 | 6.384 | --- | --- | --- | --- | --- | 30 |
| 31 | --- | | --- | | --- | | 6.353 | --- | | --- | | --- | 31 |
| MEAN | --- | --- | --- | --- | --- | --- | 7.385 | --- | --- | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | 8.812 | --- | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | 6.353 | --- | --- | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 15 58 N
LONG 123 35 50 W

A - MANUAL GAUGE

REGULATED SINCE 1960

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 82.019 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

REMARKS - THE (LOCAL 1981 ADJ.) REFERS TO GSC REVISION NO. 2 IN 1981

HARCIL CREEK NEAR ARCTIC BAY - STATION NO. 10TB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | --- | 1 |
| 2 | --- | --- | --- | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | --- | 2 |
| 3 | --- | --- | --- | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | --- | 3 |
| 4 | --- | --- | --- | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | --- | 4 |
| 5 | --- | --- | --- | 0B | 0B | 0B | --- | 0.327A | --- | 0B | 0B | --- | 5 |
| 6 | --- | --- | --- | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | --- | 6 |
| 7 | --- | --- | --- | 0B | 0B | 0B | 3.34A | --- | --- | 0B | 0B | --- | 7 |
| 8 | --- | --- | --- | 0B | 0B | 0B | 2.84 | --- | --- | 0B | 0B | --- | 8 |
| 9 | --- | --- | --- | 0B | 0B | 0B | 3.08A | --- | --- | 0B | 0B | --- | 9 |
| 10 | --- | --- | --- | 0B | 0B | 0B | --- | --- | --- | 0B | 0B | --- | 10 |
| 11 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 11 |
| 12 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 12 |
| 13 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 13 |
| 14 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 14 |
| 15 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 15 |
| 16 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 16 |
| 17 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 17 |
| 18 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 18 |
| 19 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 19 |
| 20 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 20 |
| 21 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 21 |
| 22 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 22 |
| 23 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 23 |
| 24 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 24 |
| 25 | --- | --- | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 25 |
| 26 | --- | --- | --- | 0B | 0B | --- | --- | 0.080A | --- | 0B | 0B | --- | 26 |
| 27 | --- | --- | --- | 0B | 0B | --- | --- | 0.078 | --- | 0B | 0B | --- | 27 |
| 28 | --- | --- | --- | 0B | 0B | --- | --- | 0.053 | --- | 0B | 0B | --- | 28 |
| 29 | --- | | --- | 0B | 0B | --- | --- | 0.046A | --- | 0B | 0B | --- | 29 |
| 30 | --- | | --- | 0B | 0B | --- | --- | --- | --- | 0B | 0B | --- | 30 |
| 31 | --- | | --- | | 0B | | --- | --- | | 0B | | --- | 31 |
| TOTAL | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | 0 | --- | TOTAL |
| MEAN | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | 0 | --- | MEAN |
| MAX | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | 0 | --- | MAX |
| MIN | --- | --- | --- | 0 | 0 | --- | --- | --- | --- | 0 | 0 | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON JUN 1

SUMMARY FOR THE MONTHS JUN TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 72 59 00 N
LONG 84 59 20 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | --- |
| FEB | --- | AUG | --- |
| MAR | --- | SEP | --- |
| APR | 0 | OCT | 0 |
| MAY | 0 | NOV | 0 |
| JUN | --- | DEC | --- |

## MARJORIE LAKE AT OUTLET - STATION NO. 06HC002

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 13.757 | 13.788 | 13.853 | 13.918 | 13.839 | 13.642 | 13.888 | 13.795 | 13.731 | 13.687 | 13.706 | 13.777 | 1 |
| 2 | 13.758 | 13.788 | 13.857 | 13.919 | 13.838 | 13.641 | 14.881 | 13.796 | 13.725 | 13.688 | 13.695 | 13.784 | 2 |
| 3 | 13.759 | 13.779 | 13.859 | 13.920 | 13.817 | 13.644 | 14.885 | 13.796 | 13.721 | 13.695 | 13.703 | 13.788 | 3 |
| 4 | 13.758 | 13.785A | 13.861 | 13.921 | 13.806 | 13.647 | 14.887 | 13.795 | 13.704 | 13.689 | 13.703 | 13.791 | 4 |
| 5 | 13.757 | 13.788 | 13.863 | 13.922 | 13.795 | 13.651 | 14.885 | 13.793 | 13.708 | 13.688 | 13.685 | 13.792 | 5 |
| 6 | 13.755 | 13.794 | 13.865 | 13.923 | 13.782 | 13.656 | 14.888 | 13.779 | 13.712 | 13.678 | 13.664 | 13.791 | 6 |
| 7 | 13.753 | 13.796 | 13.867 | 13.923 | 13.778 | 13.668 | 14.889 | 13.762 | 13.718 | 13.688 | 13.657 | 13.782 | 7 |
| 8 | 13.750 | 13.799 | 13.869 | 13.924 | 13.757 | 13.668 | 14.887 | 13.767 | 13.717 | 13.679 | 13.669 | 13.798 | 8 |
| 9 | 13.750 | 13.802 | 13.871 | 13.924 | 13.744 | 13.666 | 14.815 | 13.766 | 13.717 | 13.679 | 13.677 | 13.816 | 9 |
| 10 | 13.757 | 13.804 | 13.873 | 13.925 | 13.732 | 13.663 | 14.888 | 13.769 | 13.718 | 13.688 | 13.679 | 13.805 | 10 |
| 11 | 13.755 | 13.806 | 13.875 | 13.925 | 13.719 | 13.666 | 14.888 | 13.771 | 13.731 | 13.685 | 13.683 | 13.881 | 11 |
| 12 | 13.759 | 13.809 | 13.877 | 13.926 | 13.706A | 13.671 | 13.999 | 13.770 | 13.713 | 13.688 | 13.703 | 13.880 | 12 |
| 13 | 13.762 | 13.812 | 13.879 | 13.926 | 13.681 | 13.664 | 13.999 | 13.777 | 13.688 | 13.688 | 13.735 | 13.882 | 13 |
| 14 | 13.760 | 13.814 | 13.881 | 13.925 | 13.681 | 13.686 | 13.992 | 13.764 | 13.688 | 13.687 | 13.742 | 13.879 | 14 |
| 15 | 13.762 | 13.817 | 13.883 | 13.925 | 13.688 | 13.737 | 13.963 | 13.748 | 13.686 | 13.685 | 13.745 | 13.880 | 15 |
| 16 | 13.761 | 13.819 | 13.885 | 13.924 | 13.690 | 13.754 | 13.965 | 13.736 | 13.684 | 13.700 | 13.753 | 13.832 | 16 |
| 17 | 13.758 | 13.822 | 13.887 | 13.924 | 13.682 | 13.768 | 13.966 | 13.729 | 13.680 | 13.744 | 13.758 | 13.825 | 17 |
| 18 | 13.758 | 13.826 | 13.889 | 13.923 | 13.673 | 13.795 | 13.959 | 13.728 | 13.687 | 13.733 | 13.760 | 13.819 | 18 |
| 19 | 13.756 | 13.827 | 13.891 | 13.923 | 13.664 | 13.821 | 13.926 | 13.726 | 13.682 | 13.723 | 13.759 | 13.815 | 19 |
| 20 | 13.756 | 13.830 | 13.894 | 13.922 | 13.667 | 13.853 | 13.851 | 13.724 | 13.682 | 13.715 | 13.760 | 13.816 | 20 |
| 21 | 13.758 | 13.832 | 13.896 | 13.918 | 13.668 | 13.880 | 13.851 | 13.722 | 13.684 | 13.715 | 13.757 | 13.833 | 21 |
| 22 | 13.761 | 13.835 | 13.898 | 13.916 | 13.662 | 13.890 | 13.855 | 13.718 | 13.687 | 13.718 | 13.755 | 13.826 | 22 |
| 23 | 13.764 | 13.837 | 13.900 | 13.912 | 13.664 | 13.898 | 13.868 | 13.637 | 13.687 | 13.728 | 13.753 | 13.817 | 23 |
| 24 | 13.763 | 13.839 | 13.902 | 13.907 | 13.637 | 13.916 | 13.869 | 13.669 | 13.685 | 13.723 | 13.748 | 13.776 | 24 |
| 25 | 13.763 | 13.842 | 13.904 | 13.905 | 13.639 | 13.935 | 13.868 | 13.721 | 13.687 | 13.723 | 13.742 | 13.781 | 25 |
| 26 | 13.760 | 13.845 | 13.906 | 13.894 | 13.644 | 13.946 | 13.851 | 13.727 | 13.691 | 13.721 | 13.733 | 13.779 | 26 |
| 27 | 13.765 | 13.848 | 13.908 | 13.883 | 13.640 | 13.956 | 13.853 | 13.726 | 13.687 | 13.728 | 13.772 | 13.781 | 27 |
| 28 | 13.768 | 13.851 | 13.910 | 13.872 | 13.637 | 13.975 | 13.771 | 13.730 | 13.687 | 13.723 | 13.792 | 13.783 | 28 |
| 29 | 13.770 | | 13.912 | 13.861 | 13.638 | 13.992 | 13.777 | 13.737 | 13.688 | 13.715 | 13.793 | 13.782 | 29 |
| 30 | 13.771 | | 13.914 | 13.850 | 13.637 | 13.990 | 13.795 | 13.735 | 13.698 | 13.707 | 13.784 | 13.789 | 30 |
| 31 | 13.777 | | 13.917 | | 13.636 | | 13.796 | 13.735 | | 13.707 | | 13.793 | 31 |
| MEAN | 13.760 | 13.815 | 13.885 | 13.913 | 13.701 | 13.777 | 13.929 | 13.747 | 13.699 | 13.702 | 13.729 | 13.813 | MEAN |
| MAX | 13.777 | 13.851 | 13.917 | 13.926 | 13.839 | 13.992 | 14.815 | 13.796 | 13.731 | 13.744 | 13.792 | 13.882 | MAX |
| MIN | 13.750 | 13.779 | 13.853 | 13.850 | 13.636 | 13.641 | 13.771 | 13.637 | 13.680 | 13.678 | 13.657 | 13.774 | MIN |

### SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 13.789
MAXIMUM DAILY, 14.815 ON JUL 9
MINIMUM DAILY, 13.636 ON MAY 31
MAXIMUM INSTANTANEOUS,
14.817 AT 17:00 CST ON JUL 9

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 13 40 N
LONG 99 28 06 W

A - MANUAL GAUGE

NATURAL FLOW

## MARTEN RIVER ABOVE TEOA RIVER - STATION NO. 07QC004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.68B | 1.25B | 1.06 B | 0.695B | 2.80 | 28.5 E | 6.60 | 3.56E | 2.86 | 7.88 | 5.34B | 3.33B | 1 |
| 2 | 2.63B | 1.31B | 1.07 B | 0.691B | 3.80 | 19.1 E | 6.54 | 3.50E | 2.86 | 7.90 | 5.19B | 3.30B | 2 |
| 3 | 2.60B | 1.16B | 1.07 B | 0.685B | 4.89 | 18.0 E | 6.69 | 3.44E | 3.06 | 7.64 | 5.04B | 3.25B | 3 |
| 4 | 2.59B | 1.12B | 1.07 B | 0.692B | 6.45 | 14.8 E | 6.57 | 3.40E | 3.33 | 7.55 | 4.88B | 3.18B | 4 |
| 5 | 2.57B | 1.08B | 1.06 B | 0.712B | 7.98 | 15.8 E | 6.45 | 3.36E | 3.45 | 7.51 | 4.84B | 3.16B | 5 |
| 6 | 2.54B | 1.06B | 1.04 B | 0.734B | 9.01 | 15.8 E | 6.25 | 3.32E | 3.53 | 7.38 | 4.82B | 3.15B | 6 |
| 7 | 2.51B | 1.06B | 1.02 B | 0.728B | 9.44 | 14.3 E | 6.24 | 3.30E | 3.77 | 7.31 | 4.71B | 3.08B | 7 |
| 8 | 2.49B | 1.06B | 0.990B | 0.721B | 9.93 | 13.5 E | 6.06 | 3.28E | 4.10 | 7.36 | 4.58B | 3.08B | 8 |
| 9 | 2.45B | 1.06B | 0.964B | 0.712B | 10.8 | 13.0 E | 5.90 | 3.26E | 4.23 | 7.36 | 4.56B | 3.08B | 9 |
| 10 | 2.43B | 1.07B | 0.949B | 0.709 | 11.9 | 12.7 E | 5.59 | 3.22E | 4.44 | 7.21 | 4.51B | 3.00B | 10 |
| 11 | 2.39B | 1.07B | 0.936B | 0.711 | 12.8 | 12.3 | 5.51 | 3.21A | 5.14 | 7.19 | 4.43B | 2.98B | 11 |
| 12 | 2.35B | 1.06B | 0.928B | 0.710 | 14.4 | 11.9 | 5.45 | 3.19 | 5.63 | 7.18 | 4.37B | 2.96B | 12 |
| 13 | 2.31B | 1.06B | 0.921B | 0.707 | 17.4 | 11.4 | 5.37 | 3.17 | 6.00 | 7.09 | 4.30B | 2.91B | 13 |
| 14 | 2.27B | 1.07B | 0.923B | 0.695 | 19.8 | 11.0 | 5.24 | 3.13 | 6.37 | 7.04 | 4.27B | 2.87B | 14 |
| 15 | 2.23B | 1.08B | 0.901B | 0.687 | 21.4 | 10.6 | 5.07 | 3.08 | 6.84 | 6.97 | 4.20B | 2.81B | 15 |
| 16 | 2.18B | 1.08B | 0.880B | 0.686 | 23.3 | 10.2 | 4.95E | 3.04 | 7.14 | 6.77 | 4.13B | 2.79B | 16 |
| 17 | 2.14B | 1.11B | 0.860B | 0.680 | 24.8 | 9.91 | 4.85E | 3.06 | 7.52 | 6.51 | 4.06B | 2.77B | 17 |
| 18 | 2.09B | 1.11B | 0.839B | 0.680 | 26.0 | 9.83 | 4.75E | 3.06 | 7.62 | 6.59 | 4.00B | 2.72B | 18 |
| 19 | 2.03B | 1.10B | 0.827B | 0.687 | 27.3 | 9.26 | 4.65E | 3.07 | 7.66 | 6.55 | 4.00B | 2.70B | 19 |
| 20 | 1.97B | 1.11B | 0.820B | 0.686 | 28.2 | 8.80 | 4.55E | 3.04 | 7.81 | 6.51 | 3.97B | 2.66B | 20 |
| 21 | 1.92B | 1.11B | 0.804B | 0.685 | 29.3 E | 8.60 | 4.46E | 2.99 | 7.89 | 6.35 | 3.89B | 2.58B | 21 |
| 22 | 1.88B | 1.10B | 0.784B | 0.700 | 30.2 E | 8.82 | 4.37E | 2.97 | 7.97 | 6.14 | 3.76B | 2.60B | 22 |
| 23 | 1.83B | 1.10B | 0.763B | 0.740 | 31.0 E | 8.50 | 4.28E | 3.00 | 7.93 | 6.08 | 3.68B | 2.68B | 23 |
| 24 | 1.76B | 1.09B | 0.749B | 0.762 | 31.4 E | 8.21 | 4.19E | 2.91 | 7.97 | 6.07 | 3.67B | 2.67B | 24 |
| 25 | 1.70B | 1.09B | 0.749B | 0.788 | 31.6 E | 7.93 | 4.10E | 2.92 | 8.15 | 5.98 | 3.60B | 2.67B | 25 |
| 26 | 1.64B | 1.07B | 0.744B | 0.825 | 31.8 E | 7.62 | 4.02E | 2.85 | 8.07 | 5.96 | 3.59B | 2.64B | 26 |
| 27 | 1.57B | 1.06B | 0.734B | 0.877 | 30.8 E | 7.38 | 3.94E | 2.75 | 7.91 | 5.98 | 3.46B | 2.63B | 27 |
| 28 | 1.51B | 1.06B | 0.721B | 1.01 | 29.2 E | 7.18 | 3.86E | 2.81 | 7.81 | 5.71 | 3.42B | 2.38B | 28 |
| 29 | 1.46B | | 0.713B | 1.52 | 28.0 E | 7.00 | 3.78E | 2.84 | 7.86 | 5.62 | 3.39B | 2.36B | 29 |
| 30 | 1.37B | | 0.705B | 1.96 | 26.3 E | 6.79 | 3.74E | 2.79 | 7.87 | 5.60B | 3.32B | 2.24B | 30 |
| 31 | 1.32B | | 0.698B | | 22.1 E | | 3.62E | 2.78 | | 5.44B | | 2.22B | 31 |
| TOTAL | 65.38 | 30.67 | 27.302 | 23.875 | 607.56 | 341.93 | 157.55 | 96.18 | 182.79 | 208.33 | 125.94 | 86.14 | TOTAL |
| MEAN | 2.11 | 1.10 | 0.881 | 0.796 | 19.6 | 11.4 | 5.08 | 3.10 | 6.09 | 6.72 | 4.20 | 2.78 | MEAN |
| MAX | 2.68 | 1.25 | 1.07 | 1.96 | 31.8 | 28.5 | 6.69 | 3.56 | 8.15 | 7.90 | 5.34 | 3.33 | MAX |
| MIN | 1.32 | 1.06 | 0.696 | 0.680 | 2.80 | 6.79 | 3.62 | 2.75 | 2.86 | 5.44 | 3.32 | 2.22 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.35
MAXIMUM DAILY, 31.8 ON MAY 25
MINIMUM DAILY, 0.680 ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 36 20 N
LONG 100 58 50 W
DRAINAGE AREA, 736 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 5 650 | JUL | 13 600 |
| FEB | 2 650 | AUG | 8 310 |
| MAR | 2 360 | SEP | 15 800 |
| APR | 2 060 | OCT | 18 000 |
| MAY | 52 500 | NOV | 10 900 |
| JUN | 29 500 | DEC | 7 440 |

TOTAL DISCHARGE, 169 000 dam³

NORTHWEST TERRITORIES

MARTIN RIVER NEAR THE MOUTH - STATION NO. 10KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.9588 | 0.4000 | 0.2000 | 0.1588 | 2.588 | 51.2 | 16.3 | 6.92 | 9.61 | 15.8 | 8.888 | 2.858 | 1 |
| 2 | 0.9588 | 0.4000 | 0.2000 | 0.2000 | 4.288 | 45.3 | 13.5 | 7.74 | 8.75 | 14.8 | 8.488 | 2.858 | 2 |
| 3 | 0.9588 | 0.4000 | 0.2000 | 0.2000 | 6.888 | 41.8 | 11.6 | 7.82 | 8.32 | 14.1 | 8.888 | 2.888 | 3 |
| 4 | 0.8588 | 0.4000 | 0.2000 | 0.2000 | 11.8 B | 37.8 | 10.8 | 7.59 | 8.32 | 13.6 | 8.688 | 2.888 | 4 |
| 5 | 0.8888 | 0.4000 | 0.2000 | 0.2000 | 13.8 B | 35.6 | 8.85 | 6.78 | 8.21 | 13.5 | 8.888 | 2.888 | 5 |
| 6 | 0.8888 | 0.4888 | 0.2000 | 0.2000 | 19.6 B | 33.6 | 7.23 | 5.89 | 7.57 | 13.1 | 7.588 | 2.888 | 6 |
| 7 | 0.7588 | 0.4888 | 0.2000 | 0.2000 | 31.9 B | 29.8 | 5.83 | 5.52 | 7.16 | 13.1 | 7.888 | 2.888 | 7 |
| 8 | 0.7888 | 0.3588 | 0.2000 | 0.2000 | 43.3 B | 26.2 | 5.18 | 5.67 | 7.21 | 13.2 | 6.588 | 1.888 | 8 |
| 9 | 0.7888 | 0.3588 | 0.2000 | 0.2000 | 58.8 B | 22.3 | 4.32 | 5.23 | 10.3 | 13.1 | 6.888 | 1.888 | 9 |
| 10 | 0.6888 | 0.3588 | 0.1598 | 0.2000 | 57.1 B | 19.3 | 3.86 | 4.69 | 34.8 | 13.6 | 5.858 | 1.888 | 10 |
| 11 | 0.6888 | 0.3588 | 0.1588 | 0.2000 | 66.9 | 16.9 | 4.88 | 8.39 | 47.2 | 12.3 | 4.858 | 1.888 | 11 |
| 12 | 0.6888 | 0.3588 | 0.1588 | 0.2588 | 73.8 | 14.9 | 15.3 | 45.8 | 48.2 | 12.8 | 3.188 | 1.888 | 12 |
| 13 | 0.6888 | 0.3588 | 0.1588 | 0.2588 | 76.4 | 13.5 | 25.7 | 57.2 | 44.7 | 12.8 | 2.658 | 1.888 | 13 |
| 14 | 0.6888 | 0.3588 | 0.1588 | 0.2558 | 72.5 | 12.3 | 28.1 | 57.4 | 38.8 | 11.3 | 2.558 | 1.858 | 14 |
| 15 | 0.5878 | 0.3588 | 0.1588 | 0.3888 | 79.8 | 21.1 | 22.8 | 51.9 | 33.9 | 11.2 | 2.588 | 1.858 | 15 |
| 16 | 0.5588 | 0.3888 | 0.1588 | 0.3888 | 98.3 | 38.7 | 18.8 | 43.3 | 29.7 | 18.2 | 2.488 | 1.818 | 16 |
| 17 | 0.5588 | 0.3888 | 0.1588 | 0.3888 | 118 | 42.8 | 15.6 | 35.3 | 25.8 | 5.49 | 2.358 | 1.888 | 17 |
| 18 | 0.5588 | 0.3888 | 0.1588 | 0.3588 | 134 | 40.6 | 14.8 | 29.4 | 22.5 | 6.638 | 2.388 | 1.888 | 18 |
| 19 | 0.5588 | 0.3888 | 0.1588 | 0.3588 | 155 | 36.2 | 19.3 | 25.1 | 19.8 | 8.168 | 2.388 | 1.888 | 19 |
| 20 | 0.5888 | 0.3888 | 0.1588 | 0.4888 | 187 | 28.8 | 26.5 | 48.7 | 17.8 | 8.858 | 2.258 | 1.758 | 38 |
| 21 | 0.5888 | 0.3888 | 0.1588 | 0.4888 | 233 | 24.8 | 26.2 | 48.5 | 15.7 | 7.868 | 2.288 | 1.758 | 21 |
| 22 | 0.5888 | 0.3888 | 0.1588 | 0.4588 | 283 | 42.2 | 21.5 | 41.2 | 14.3 | 5.338 | 2.288 | 1.788 | 22 |
| 23 | 0.5888 | 0.2588 | 0.1588 | 0.5888 | 256 | 68.6 | 17.8 | 34.6 | 13.1 | 6.428 | 2.158 | 1.788 | 23 |
| 24 | 0.5888 | 0.2588 | 0.1588 | 0.5588 | 196 | 72.3 | 14.1 | 28.1 | 12.1 | 6.788 | 2.158 | 1.788 | 24 |
| 25 | 0.5888 | 0.2588 | 0.1588 | 0.5588 | 151 | 63.8 | 12.8 | 24.4 | 11.5 | 5.888 | 2.188 | 1.788 | 25 |
| 26 | 0.5888 | 0.2588 | 0.1588 | 0.5888 | 115 | 49.3 | 18.8 | 28.6 | 18.8 | 5.488 | 2.188 | 1.788 | 26 |
| 27 | 0.4588 | 0.2888 | 0.1588 | 0.6588 | 95.8 | 38.6 | 8.84 | 17.6 | 18.1 | 5.788 | 2.188 | 1.688 | 27 |
| 28 | 0.4588 | 0.2888 | 0.1588 | 0.7588 | 82.6 | 38.3 | 8.46 | 14.9 | 18.8 | 6.888 | 2.188 | 1.688 | 28 |
| 29 | 0.4588 | | 0.1588 | 0.9888 | 72.6 | 34.8 | 7.51 | 13.8 | 12.8 | 6.588 | 2.858 | 1.688 | 29 |
| 30 | 0.4588 | | 0.1588 | 1.28 B | 64.5 | 19.9 | 6.35 | 12.8 | 18.5 | 7.888 | 2.858 | 1.688 | 38 |
| 31 | 0.4588 | | 0.1588 | | 57.8 | | 6.28 | 18.6 | | 7.488 | | 1.688 | 31 |
| TOTAL | 18.887 | 9.188 | 5.189 | 11.445 | 2 917.48 | 1 832.1 | 413.51 | 783.36 | 569.35 | 298.78 | 121.98 | 56.41 | TOTAL |
| MEAN | 0.689 | 0.325 | 0.165 | 0.382 | 94.1 | 38.6 | 13.3 | 24.8 | 19.8 | 9.64 | 4.87 | 1.82 | MEAN |
| MAX | 0.958 | 0.488 | 0.288 | 1.28 | 283 | 72.3 | 26.5 | 57.4 | 48.2 | 15.8 | 9.88 | 2.85 | MAX |
| MIN | 0.458 | 0.288 | 0.158 | 0.158 | 2.58 | 12.3 | 3.86 | 4.69 | 7.16 | 5.42 | 2.85 | 1.68 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 283 ON MAY 22
MINIMUM DAILY, 0.1588 ON MAR 11
MAXIMUM INSTANTANEOUS, 293 AT 14:26 MST ON MAY 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 53 10 N
LONG 121 37 05 W
DRAINAGE AREA, 2 040 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 630 | JUL | 35 700 |
| FEB | 786 | AUG | 64 200 |
| MAR | 441 | SEP | 49 200 |
| APR | 989 | OCT | 25 600 |
| MAY | 252 000 | NOV | 10 500 |
| JUN | 89 280 | DEC | 4 870 |

TOTAL DISCHARGE, 535 000 dam³

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20.88 | 17.38 | 13.7 B | 9.888 | 13.88 | --- | --- | 366 | 164 | 76.7 | 48.38 | 25.68 | 1 |
| 2 | 20.88 | 17.28 | 13.6 B | 9.888 | 14.68 | --- | --- | 478 | 158 | 68.1 | 39.88 | 25.38 | 2 |
| 3 | 19.88 | 17.18 | 13.5 B | 8.988 | 15.38 | --- | --- | 384 | 156 | 64.9 | 39.28 | 25.88 | 3 |
| 4 | 19.88 | 17.88 | 13.4 B | 8.948 | 16.48 | --- | --- | 318 | 152 | 57.3A | 38.48 | 26.58 | 4 |
| 5 | 19.78 | 16.98 | 13.3 B | 8.868 | 17.58 | --- | --- | 277 | 148 | 56.88 | 37.88 | 24.38 | 5 |
| 6 | 19.68 | 16.88 | 13.1 B | 8.828 | 18.98 | --- | --- | 273 | 145 | 56.48 | 37.18 | 24.88 | 6 |
| 7 | 19.68 | 16.78 | 12.8 B | 8.888 | 20.38 | --- | --- | 258 | 148 | 55.98 | 36.48 | 23.88 | 7 |
| 8 | 19.58 | 16.68 | 12.6 B | 8.888 | 22.88 | --- | --- | 239 | 148 | 55.48 | 35.98 | 23.68 | 8 |
| 9 | 19.48 | 16.58 | 12.5 B | 8.888 | 24.88 | --- | --- | 225 | 158 | 54.98 | 35.28 | 23.48 | 9 |
| 10 | 19.38 | 16.48 | 12.4 B | 8.818 | 26.58 | --- | --- | 218 | 146 | 54.58 | 34.78 | 23.28 | 10 |
| 11 | 19.28 | 16.38 | 12.3 B | 8.838 | 29.58 | --- | --- | 214 | 144 | 54.08 | 34.18 | 22.88 | 11 |
| 12 | 19.18 | 16.18 | 12.1 B | 8.868 | 33.88 | --- | --- | 628E | 139 | 53.58 | 33.68 | 22.88 | 12 |
| 13 | 19.08 | 16.08 | 11.9 B | 8.988 | 38.88 | --- | 582 | 1 328E | 135 | 53.18 | 33.08 | 22.48 | 13 |
| 14 | 19.08 | 15.98 | 11.7 B | 8.858 | 44.88 | --- | 328 | 1 118E | 133 | 52.68 | 32.58 | 22.48 | 14 |
| 15 | 18.98 | 15.78 | 11.6 B | 9.888 | 51.88 | --- | 262 | 758E | 131 | 52.18 | 32.08 | 22.28 | 15 |
| 16 | 18.88 | 15.68 | 11.4 B | 9.888 | 69.88 | --- | 256 | 628E | 129 | 51.68 | 31.58 | 22.18 | 16 |
| 17 | 18.78 | 15.58 | 11.3 B | 9.858 | 103 B | --- | 341 | 488E | 126 | 51.28 | 31.08 | 21.98 | 17 |
| 18 | 18.68 | 15.48 | 11.1 B | 9.188 | 228 B | --- | 577 | 312E | 189 A | 58.78 | 38.48 | 21.88 | 18 |
| 19 | 18.68 | 15.38 | 10.9 B | 9.288 | 274 B | --- | 423 | 312A | 184 B | 58.28 | 38.88 | 21.68 | 19 |
| 28 | 18.58 | 15.18 | 10.7 B | 9.388 | 264 | --- | 388 | 386 | 99.8E | 49.78 | 29.78 | 21.58 | 28 |
| 21 | 18.48 | 15.88 | 10.5 B | 9.588 | 239 | --- | 267 | 388 | 84.8E | 48.38 | 29.28 | 21.48 | 21 |
| 22 | 18.38 | 14.98 | 10.4 B | 9.758 | 228 | --- | 222 | 318 | 88.8E | 48.88 | 28.78 | 21.38 | 22 |
| 23 | 18.28 | 14.78 | 10.3 B | 10.8 B | 281 | --- | 232 | 384 | 83.8E | 47.98 | 28.38 | 21.18 | 23 |
| 24 | 18.18 | 14.68 | 10.1 B | 10.4 B | 197 | --- | 249 | 271 | 78.8A | 47.88 | 27.88 | 21.88 | 24 |
| 25 | 18.88 | 14.58 | 9.988 | 10.6 B | 194 | --- | 218 | 244 | 92.5 | 46.88 | 27.68 | 38.88 | 25 |
| 26 | 17.98 | 14.48 | 9.788 | 11.1 B | 196 | --- | 268 | 228 | 85.3 | 45.38 | 27.28 | 28.78 | 26 |
| 27 | 17.88 | 14.38 | 9.688 | 11.6 B | --- | --- | 276 | 218 | 81.7 | 44.58 | 26.88 | 28.58 | 27 |
| 28 | 17.78 | 14.18 | 9.588 | 12.8 B | --- | --- | 276 | 197 | 78.9 | 43.78 | 26.58 | 28.48 | 28 |
| 29 | 17.68 | | 9.488 | 12.6 B | --- | --- | 254 | 187 | 76.2 | 42.88 | 26.28 | 28.28 | 29 |
| 38 | 17.58 | | 9.388 | 13.1 B | --- | --- | 269 | 177 | 75.8 | 42.88 | 25.88 | 28.28 | 38 |
| 31 | 17.48 | | 9.188 | | --- | | 321 | 171 | | 41.18 | | 28.88 | 31 |
| TOTAL | 582.1 | 441.9 | 353.98 | 289.73 | --- | --- | --- | 11 675 | 3 593.1 | 1 619.8 | 966.8 | 693.3 | TOTAL |
| MEAN | 18.8 | 15.8 | 11.4 | 9.66 | --- | --- | --- | 377 | 128 | 52.3 | 32.2 | 22.3 | MEAN |
| MAX | 28.8 | 17.3 | 13.7 | 13.1 | --- | --- | --- | 1 328 | 184 | 76.7 | 48.3 | 25.6 | MAX |
| MIN | 17.4 | 14.1 | 9.18 | 8.88 | --- | --- | --- | 171 | 75.8 | 41.1 | 25.8 | 28.8 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 8.888 ON APR 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 13 58 N
LONG 126 33 58 W
DRAINAGE AREA, 11 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 58 300 | JUL | --- |
| FEB | 38 200 | AUG | 1 018 000 |
| MAR | 30 600 | SEP | 318 000 |
| APR | 25 000 | OCT | 100 000 |
| MAY | --- | NOV | 83 500 |
| JUN | --- | DEC | 59 800 |

## NONACHO LAKE NEAR SNOWDRIFT - STATION NO. 07QD002

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.200E | 6.100E | 6.018 | 5.941 | 5.855 | 6.319 | 6.869 | 6.623 | 6.345 | 6.334 | 6.352 | 6.263 | 1 |
| 2 | 6.200E | 6.100E | 6.017 | 5.941 | 5.849 | 6.361 | 6.877 | 6.610 | 6.343 | 6.331 | 6.349 | 6.256 | 2 |
| 3 | 6.198E | 6.100E | 6.018 | 5.936 | 5.848 | 6.397 | 6.873 | 6.598 | 6.341 | 6.333 | 6.351 | 6.254 | 3 |
| 4 | 6.198E | 6.098E | 6.011 | 5.933 | 5.846 | 6.431 | 6.878 | 6.582 | 6.338 | 6.337 | 6.348 | 6.251 | 4 |
| 5 | 6.196E | 6.097 | 6.007 | 5.928 | 5.851 | 6.465 | 6.869 | 6.566 | 6.318 | 6.346 | 6.358 | 6.241 | 5 |
| 6 | 6.188E | 6.091 | 6.004 | 5.918 | 5.849 | 6.502 | 6.858 | 6.554 | 6.312 | 6.352 | 6.344 | 6.233 | 6 |
| 7 | 6.188E | 6.096 | 6.004 | 5.924 | 5.848 | 6.533 | 6.846 | 6.547 | 6.328 | 6.351 | 6.339 | 6.222 | 7 |
| 8 | 6.188E | 6.088 | 6.006 | 5.928 | 5.843 | 6.571 | 6.844 | 6.540 | 6.338 | 6.347 | 6.338 | 6.228 | 8 |
| 9 | 6.178E | 6.091 | 6.003 | 5.925 | 5.841 | 6.607 | 6.843 | 6.531 | 6.335 | 6.350 | 6.343 | 6.233 | 9 |
| 10 | 6.178E | 6.088 | 6.003 | 5.919 | 5.838 | 6.638 | 6.848 | 6.522 | 6.330 | 6.354 | 6.342 | 6.213 | 10 |
| 11 | 6.178E | 6.076 | 6.004 | 5.915 | 5.834 | 6.665 | 6.828 | 6.514 | 6.338 | 6.362 | 6.333 | 6.210 | 11 |
| 12 | 6.178E | 6.076 | 6.000 | 5.911 | 5.839 | 6.686 | 6.816 | 6.505 | 6.323 | 6.366 | 6.338 | 6.209 | 12 |
| 13 | 6.168E | 6.079 | 5.997 | 5.910 | 5.834 | 6.715 | 6.807 | 6.491 | 6.315 | 6.366 | 6.329 | 6.206 | 13 |
| 14 | 6.168E | 6.076 | 5.992 | 5.904 | 5.834 | 6.736 | 6.797 | 6.476 | 6.315 | 6.369 | 6.327 | 6.206 | 14 |
| 15 | 6.168E | 6.072 | 5.990 | 5.899 | 5.842 | 6.751 | 6.786 | 6.474 | 6.313 | 6.363 | 6.323 | 6.203 | 15 |
| 16 | 6.158E | 6.081 | 5.982 | 5.896 | 5.849 | 6.767 | 6.770 | 6.469 | 6.318 | 6.368 | 6.316 | 6.202 | 16 |
| 17 | 6.158E | 6.078 | 5.977 | 5.888 | 5.862 | 6.785 | 6.761 | 6.463 | 6.319 | 6.361 | 6.313 | 6.196 | 17 |
| 18 | 6.158E | 6.067 | 5.986 | 5.888 | 5.888 | 6.792 | 6.751 | 6.459 | 6.328 | 6.354 | 6.310 | 6.186 | 18 |
| 19 | 6.148E | 6.069 | 5.989 | 5.888 | 5.903 | 6.805 | 6.734 | 6.449 | 6.328 | 6.356 | 6.304E | 6.179 | 19 |
| 20 | 6.140E | 6.061 | 5.987 | 5.873 | 5.931 | 6.817 | 6.719 | 6.435 | 6.329 | 6.363 | 6.301E | 6.173 | 20 |
| 21 | 6.140E | 6.043 | 5.983 | 5.874 | 5.968 | 6.833 | 6.714 | 6.426 | 6.331 | 6.373 | 6.297E | 6.163 | 21 |
| 22 | 6.138E | 6.042 | 5.981 | 5.869 | 6.003 | 6.843 | 6.718 | 6.418 | 6.327 | 6.379 | 6.294E | 6.167 | 22 |
| 23 | 6.138E | 6.036 | 5.982 | 5.872 | 6.034 | 6.845 | 6.711 | 6.393 | 6.333 | 6.381 | 6.291E | 6.167 | 23 |
| 24 | 6.138E | 6.030 | 5.966 | 5.869 | 6.064 | 6.849 | 6.704 | 6.380 | 6.333 | 6.388 | 6.287E | 6.161 | 24 |
| 25 | 6.128E | 6.028 | 5.964 | 5.859 | 6.096 | 6.852 | 6.693 | 6.369 | 6.333 | 6.381 | 6.284E | 6.164 | 25 |
| 26 | 6.128E | 6.029 | 5.965 | 5.860 | 6.122 | 6.853 | 6.687 | 6.374 | 6.331 | 6.383 | 6.280E | 6.155 | 26 |
| 27 | 6.128E | 6.032 | 5.964 | 5.862 | 6.158 | 6.860 | 6.673 | 6.376 | 6.335 | 6.370 | 6.277E | 6.162 | 27 |
| 28 | 6.128E | 6.028 | 5.957 | 5.862 | 6.192 | 6.868 | 6.656 | 6.374 | 6.338 | 6.369 | 6.274E | 6.131 | 28 |
| 29 | 6.110E | | 5.956 | 5.854 | 6.231 | 6.869 | 6.647 | 6.362 | 6.336 | 6.359 | 6.270E | 6.123 | 29 |
| 30 | 6.110E | | 5.946 | 5.850 | 6.261 | 6.868 | 6.637 | 6.356 | 6.337 | 6.355 | 6.267E | 6.123 | 30 |
| 31 | 6.110E | | 5.943 | | 6.298 | | 6.627 | 6.349 | | 6.354 | | 6.110 | 31 |
| MEAN | 6.153 | 6.069 | 5.987 | 5.896 | 5.951 | 6.696 | 6.769 | 6.470 | 6.328 | 6.359 | 6.316 | 6.192 | MEAN |
| MAX | 6.200 | 6.100 | 6.018 | 5.941 | 6.298 | 6.869 | 6.878 | 6.623 | 6.345 | 6.382 | 6.360 | 6.265 | MAX |
| MIN | 6.110 | 6.028 | 5.943 | 5.850 | 5.830 | 6.319 | 6.627 | 6.349 | 6.312 | 6.331 | 6.267 | 6.110 | MIN |

### SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 6.267
MAXIMUM DAILY, 6.878 ON JUL 6
MINIMUM DAILY, 5.830 ON MAY 10
MAXIMUM INSTANTANEOUS,
6.883 AT 13:10 MST ON JUL 6

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 43 58 N
LONG 109 48 15 W

E - ESTIMATED

NATURAL FLOW

## NUELTIN LAKE NEAR SMITH BAY - STATION NO. 06HA001

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 273.154E | 273.045E | 272.933 | 272.815 | 272.723 | 273.049 | 273.575 | 273.704 | 273.550 | 273.508 | 273.378 | 273.318 | 1 |
| 2 | 273.152E | 273.040E | 272.932 | 272.816 | 272.722 | 273.072 | 273.588 | 273.706 | 273.542 | 273.492 | 273.370 | 273.313 | 2 |
| 3 | 273.148E | 273.038E | 272.931 | 272.819 | 272.723 | 273.107 | 273.596 | 273.701 | 273.541 | 273.478 | 273.376 | 273.301 | 3 |
| 4 | 273.145E | 273.035E | 272.924 | 272.816 | 272.717 | 273.138 | 273.606 | 273.693 | 273.537 | 273.478 | 273.386 | 273.298 | 4 |
| 5 | 273.142E | 273.031E | 272.926 | 272.811 | 272.733 | 273.153 | 273.616 | 273.690 | 273.528 | 273.480 | 273.382 | 273.293 | 5 |
| 6 | 273.138E | 273.020E | 272.917 | 272.806 | 272.746 | 273.169 | 273.620 | 273.688 | 273.520 | 273.477 | 273.386 | 273.294 | 6 |
| 7 | 273.134E | 273.025E | 272.907 | 272.805 | 272.746 | 273.194 | 273.631 | 273.693 | 273.519 | 273.478 | 273.379 | 273.296 | 7 |
| 8 | 273.130E | 273.020E | 272.903 | 272.803 | 272.740 | 273.213 | 273.634 | 273.686 | 273.521 | 273.480 | 273.371 | 273.293 | 8 |
| 9 | 273.128E | 273.017E | 272.904 | 272.792 | 272.739 | 273.225 | 273.640 | 273.685 | 273.523 | 273.486 | 273.377 | 273.295 | 9 |
| 10 | 273.126E | 273.014E | 272.900 | 272.786 | 272.734 | 273.249 | 273.650 | 273.679 | 273.516 | 273.479 | 273.384 | 273.284 | 10 |
| 11 | 273.119E | 273.010E | 272.890 | 272.781 | 272.733 | 273.265 | 273.656 | 273.683 | 273.536 | 273.479 | 273.371 | 273.269 | 11 |
| 12 | 273.116E | 273.006E | 272.885 | 272.775 | 272.728 | 273.283 | 273.659 | 273.681 | 273.537 | 273.477 | 273.368 | 273.261 | 12 |
| 13 | 273.112E | 273.001E | 272.883 | 272.760 | 272.723 | 273.297 | 273.667 | 273.666 | 273.535 | 273.473 | 273.365 | 273.253 | 13 |
| 14 | 273.108E | 272.996E | 272.878 | 272.764 | 272.730 | 273.315 | 273.668 | 273.666 | 273.536 | 273.466 | 273.357 | 273.257 | 14 |
| 15 | 273.105E | 272.995E | 272.875 | 272.761 | 272.725 | 273.337 | 273.684 | 273.658 | 273.537 | 273.448 | 273.355 | 273.256 | 15 |
| 16 | 273.101E | 272.991E | 272.873 | 272.758 | 272.725 | 273.357 | 273.689 | 273.656 | 273.538 | 273.449 | 273.347 | 273.257 | 16 |
| 17 | 273.098E | 272.988E | 272.875 | 272.763 | 272.724 | 273.374 | 273.690 | 273.649 | 273.536 | 273.445 | 273.340 | 273.253 | 17 |
| 18 | 273.096E | 272.982A | 272.879 | 272.763 | 272.720 | 273.392 | 273.692 | 273.644 | 273.528 | 273.439 | 273.344 | 273.249 | 18 |
| 19 | 273.092E | 272.986 | 272.877 | 272.764 | 272.726 | 273.399 | 273.693 | 273.643 | 273.528 | 273.430 | 273.337 | 273.246 | 19 |
| 20 | 273.089E | 272.982 | 272.871 | 272.757 | 272.728 | 273.417 | 273.681 | 273.637 | 273.530 | 273.425 | 273.330 | 273.235 | 20 |
| 21 | 273.085E | 272.978 | 272.863 | 272.749 | 272.733 | 273.438 | 273.698 | 273.619 | 273.528 | 273.425 | 273.330 | 273.225 | 21 |
| 22 | 273.088E | 272.969 | 272.863 | 272.741 | 272.743 | 273.456 | 273.699 | 273.610 | 273.518 | 273.425 | 273.337 | 273.225 | 22 |
| 23 | 273.078E | 272.962 | 272.859 | 272.740 | 272.765 | 273.477 | 273.703 | 273.589 | 273.510 | 273.426 | 273.334 | 273.220 | 23 |
| 24 | 273.072E | 272.959 | 272.850 | 272.736 | 272.796 | 273.488 | 273.700 | 273.579 | 273.513 | 273.416 | 273.331 | 273.211 | 24 |
| 25 | 273.068E | 272.953 | 272.834 | 272.732 | 272.834 | 273.506 | 273.698 | 273.572 | 273.517 | 273.420 | 273.332 | 273.206 | 25 |
| 26 | 273.064E | 272.946 | 272.827 | 272.729 | 272.871 | 273.518 | 273.699 | 273.575 | 273.517 | 273.420 | 273.321 | 273.206 | 26 |
| 27 | 273.060E | 272.945 | 272.822 | 272.721 | 272.913 | 273.538 | 273.708 | 273.571 | 273.522 | 273.417 | 273.323 | 273.204 | 27 |
| 28 | 273.056E | 272.942 | 272.836 | 272.716 | 272.947 | 273.539 | 273.711 | 273.569 | 273.518 | 273.405 | 273.325 | 273.193 | 28 |
| 29 | 273.054E | | 272.828 | 272.718 | 272.978 | 273.554 | 273.716 | 273.565 | 273.504 | 273.400 | 273.325 | 273.184 | 29 |
| 30 | 273.051E | | 272.823 | 272.719 | 273.000 | 273.565 | 273.715 | 273.557 | 273.507 | 273.378 | 273.321 | 273.177 | 30 |
| 31 | 273.048E | | 272.819 | | 273.020 | | 273.707 | 273.558 | | 273.364 | | 273.166 | 31 |
| MEAN | 273.102 | 272.996 | 272.877 | 272.767 | 272.788 | 273.335 | 273.667 | 273.641 | 273.526 | 273.447 | 273.353 | 273.250 | MEAN |
| MAX | 273.154 | 273.045 | 272.933 | 272.819 | 273.020 | 273.565 | 273.716 | 273.706 | 273.550 | 273.508 | 273.386 | 273.318 | MAX |
| MIN | 273.048 | 272.942 | 272.819 | 272.716 | 272.717 | 273.049 | 273.575 | 273.557 | 273.504 | 273.364 | 273.321 | 273.166 | MIN |

### SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 273.230
MAXIMUM DAILY, 273.716 ON JUL 29
MINIMUM DAILY, 272.716 ON APR 29
MAXIMUM INSTANTANEOUS,
273.717 AT 10:05 CST ON JUL 30

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 40 N
LONG 99 39 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

## PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 97.4B | 71.2B | 61.7B | 58.1B | 62.2B | 9 280 | 1 430E | 957 | 665 | 536 | 169B | 106B | 1 |
| 2 | 96.2B | 70.5B | 61.3B | 58.2B | 62.6B | 7 840 | 1 340E | 1 040 | 658 | 519 | 165B | 106B | 2 |
| 3 | 95.2B | 70.0B | 60.8B | 58.2B | 63.3B | 6 630 | 1 320E | 1 340 | 689 | 507 | 161B | 106B | 3 |
| 4 | 94.0B | 69.6B | 60.6B | 58.3B | 63.0B | 6 330 | 1 470E | 1 620 | 732 | 484 | 157B | 106B | 4 |
| 5 | 93.0B | 69.3B | 60.5B | 58.5B | 64.3B | 6 070 | 1 440E | 1 530 | 753A | 458 | 153B | 106B | 5 |
| 6 | 92.0B | 68.8B | 60.3B | 58.6B | 65.4B | 5 180 | 1 270E | 1 470 | 754E | 431 | 150B | 106B | 6 |
| 7 | 91.0B | 68.2B | 60.2B | 58.7B | 66.2B | 4 330 | 1 130E | 1 450 | 755E | 431 | 147B | 106B | 7 |
| 8 | 90.0B | 67.8B | 60.1B | 58.8B | 67.2B | 3 690 | 1 200E | 1 330 | 753E | 426 | 144B | 105B | 8 |
| 9 | 89.0B | 67.4B | 60.0B | 58.9B | 68.2B | 3 390 | 1 220E | 1 180 | 750E | 386 | 141B | 105B | 9 |
| 10 | 88.0B | 67.0B | 60.0B | 59.0B | 69.2B | 3 330 | 1 250E | 1 050 | 740E | 364B | 138B | 105B | 10 |
| 11 | 87.0B | 66.6B | 60.0B | 59.1B | 70.0B | 3 150 | 1 210E | 943 | 746E | 348B | 135B | 104B | 11 |
| 12 | 86.0B | 66.2B | 59.9B | 59.1B | 72.6B | 2 970 | 1 190E | 881 | 744E | 330B | 132B | 104B | 12 |
| 13 | 85.2B | 65.9B | 59.9B | 59.2B | 75.0B | 2 930 | 1 190E | 842 | 742E | 317B | 130B | 104B | 13 |
| 14 | 84.4B | 65.4B | 59.8B | 59.3B | 78.4B | 3 120 | 1 190E | 820 | 741A | 301B | 127B | 104B | 14 |
| 15 | 83.6B | 65.0B | 59.7B | 59.3B | 82.0B | 3 440 | 1 010E | 823 | 713 | 290B | 125B | 104B | 15 |
| 16 | 82.8B | 64.8B | 59.5B | 59.4B | 87.0B | 4 580 | 862E | 790 | 677 | 279B | 123B | 103B | 16 |
| 17 | 82.0B | 64.4B | 59.3B | 59.4B | 94.5B | 6 480 | 923E | 758 | 645 | 269B | 122B | 103B | 17 |
| 18 | 81.2B | 64.0B | 59.2B | 59.5B | 103 B | 5 840 | 1 160E | 738 | 627 | 259B | 119B | 103B | 18 |
| 19 | 80.4B | 64.7B | 59.0B | 59.5B | 116 B | 3 250 | 1 430E | 782 | 609 | 250B | 117B | 103B | 19 |
| 20 | 79.6B | 63.8B | 58.8B | 59.6B | 130 B | 2 780 | 1 530E | 1 080 | 593 | 243B | 116B | 103B | 20 |
| 21 | 78.6B | 63.5B | 58.7B | 59.8B | 154 B | 2 810 | 1 460E | 1 190 | 579 | 233B | 114B | 103B | 21 |
| 22 | 77.8B | 63.2B | 58.6B | 60.0B | 192 B | 3 290 | 1 290E | 1 290 | 569 | 226B | 112B | 103B | 22 |
| 23 | 77.0B | 62.9B | 58.5B | 60.2B | 160 B | 3 430 | 1 050A | 1 280 | 560 | 219B | 111B | 103B | 23 |
| 24 | 76.2B | 62.5B | 58.4B | 60.3B | 770 B | 3 060 | 862 | 1 210 | 552 | 212B | 109B | 103B | 24 |
| 25 | 75.6B | 62.3B | 58.3B | 60.5B | 1 300 B | 2 570 | 820 | 1 110 | 545 | 205B | 108B | 103B | 25 |
| 26 | 75.0B | 62.1B | 58.2B | 60.6B | 2 300 B | 2 110 | 884 | 1 010 | 540 | 200B | 107B | 103B | 26 |
| 27 | 74.2B | 62.0B | 58.2B | 60.8B | 3 700 B | 1 780 | 799 | 911 | 553 | 194B | 107B | 103B | 27 |
| 28 | 73.6B | 61.9B | 58.1B | 61.0B | 5 800 B | 1 570 | 830 | 838 | 559 | 188B | 107B | 102B | 28 |
| 29 | 73.0B | | 58.1B | 61.4B | 8 580 B | 1 440 | 976 | 776 | 552 | 183B | 106B | 102B | 29 |
| 30 | 72.2B | | 58.1B | 61.8B | 9 900 B | 1 400E | 969 | 729 | 544 | 178B | 106B | 102B | 30 |
| 31 | 71.8B | | 58.1B | | 9 930 | | 936 | 689 | | 174B | | 102B | 31 |
| TOTAL | 2 583.0 | 1 840.9 | 1 841.9 | 1 785.1 | 44 468.5 | 114 020 | 35 570 | 32 379 | 19 647 | 9 640 | 3 858 | 3 221 | TOTAL |
| MEAN | 83.3 | 65.7 | 59.4 | 59.5 | 1 430 | 3 800 | 1 150 | 1 040 | 655 | 311 | 129 | 104 | MEAN |
| MAX | 97.4 | 71.2 | 61.7 | 61.8 | 9 930 | 9 280 | 1 530 | 1 620 | 755 | 536 | 169 | 106 | MAX |
| MIN | 71.8 | 61.9 | 58.1 | 58.1 | 62.2 | 1 400 | 799 | 689 | 540 | 174 | 106 | 102 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 742
MAXIMUM DAILY, 9 930 ON MAY 31
MINIMUM DAILY, 58.1B ON MAR 28

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 13 15 N
LONG 134 56 45 W
DRAINAGE AREA, 70 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 223 000 | JUL | 3 070 000 |
| FEB | 159 000 | AUG | 2 800 000 |
| MAR | 159 000 | SEP | 1 700 000 |
| APR | 154 000 | OCT | 833 000 |
| MAY | 3 840 000 | NOV | 333 000 |
| JUN | 9 850 000 | DEC | 278 000 |

TOTAL DISCHARGE, 23 400 000 dam³

## PLATEAU CREEK NEAR WILLOW LAKE - STATION NO. 10PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 0.726 | 0.058 | 0.063 | 0.047 | 0.275 | 0.027B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 0.701 | 0.051 | 0.064 | 0.046 | 0.262 | 0.025B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 0.659 | 0.047 | 0.051 | 0.258 | 0.228 | 0.025B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 0.847 | 0.044 | 0.044 | 0.418 | 0.236 | 0.025B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0.010B | 1.28 | 0.038 | 0.038 | 0.338 | 0.235 | 0.022B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0.012B | 1.27 | 0.033 | 0.032 | 0.271 | 0.245 | 0.020B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0.040B | 1.11 | 0.026 | 0.026 | 0.208 | 0.299 | 0.020B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0.080B | 0.822 | 0.019 | 0.022 | 0.675 | 0.333 | 0.020B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0.130B | 0.595 | 0.015 | 0.018 | 1.32 | 0.332 | 0.020B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0.193B | 0.460 | 0.016 | 0.019 | 1.08 | 0.338 | 0.015B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0.270B | 0.369 | 0.066 | 0.040 | 0.869 | 0.363 | 0.015B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0.380B | 0.288 | 0.147 | 0.054 | 0.607 | 0.377 | 0.015B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0.460B | 0.217 | 0.117 | 0.047 | 0.476 | 0.396 | 0.015B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0.080B | 0.158 | 0.369 | 0.207 | 0.400 | 0.387 | 0.015B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 1.21 B | 0.127 | 0.161 | 0.458 | 0.353 | 0.224B | 0.010B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 1.70 B | 0.120 | 0.092 | 0.386 | 0.301 | 0.210B | 0.010B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 2.30 B | 0.116 | 0.061 | 0.257 | 0.255 | 0.198B | 0.010B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 3.00 B | 0.096 | 0.053 | 0.198 | 0.201 | 0.169B | 0.010B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 4.00 E | 0.074 | 0.056 | 0.211 | 0.169 | 0.133B | 0.010B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 5.00 E | 0.064 | 0.055 | 0.200 | 0.157 | 0.116B | 0.010B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 6.00 E | 0.059 | 0.048 | 0.151 | 0.141 | 0.099B | 0.005B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 6.84 A | 0.756 | 0.039 | 0.124 | 0.131 | 0.081B | 0.005B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 6.19 | 0.961 | 0.032 | 0.112 | 0.130 | 0.070B | 0.005B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 4.54 | 0.662 | 0.024 | 0.095 | 0.126 | 0.065B | 0.002B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 2.97 | 0.440 | 0.020 | 0.083 | 0.127 | 0.056B | 0.002B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 2.04 | 0.280 | 0.017 | 0.068 | 0.133 | 0.049B | 0.002B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 1.62 | 0.153 | 0.027 | 0.063 | 0.148 | 0.061B | 0 B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 1.75 | 0.128 | 0.046 | 0.059 | 0.196 | 0.053B | 0 B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 1.16 | 0.103 | 0.040 | 0.055 | 0.202 | 0.053B | 0 B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 0.963 | 0.076 | 0.033 | 0.050 | 0.255 | 0.043B | 0 B | 0B | 30 |
| 31 | 0B | | 0B | | 0.810 | | 0.034 | 0.046 | | 0.035B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 54.168 | 13.709 | 1.784 | 3.341 | 9.920 | 6.013 | 0.369 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 1.75 | 0.457 | 0.058 | 0.108 | 0.331 | 0.194 | 0.012 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 6.84 | 1.28 | 0.369 | 0.458 | 1.32 | 0.396 | 0.027 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0.059 | 0.015 | 0.018 | 0.046 | 0.035 | 0 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.249
MAXIMUM DAILY, 6.84A ON MAY 22
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
7.14 AT 04:12 MST ON MAY 23

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 10 16 N
LONG 110 10 05 W
DRAINAGE AREA, 81.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 154 |
| FEB | 0 | AUG | 289 |
| MAR | 0 | SEP | 857 |
| APR | 0 | OCT | 530 |
| MAY | 4 680 | NOV | 31.1 |
| JUN | 1 180 | DEC | 0 |

TOTAL DISCHARGE, 7 710 dam³

## PRAIRIE CREEK AT CADILLAC MINE - STATION NO. 10BC002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.00 B | 0.550B | 0.300B | 0.175B | 1.55B | 29.9 | 11.5 E | 5.61 | 5.27 | 4.18 | 1.35B | 1.15B | 1 |
| 2 | 1.00 B | 0.550B | 0.300B | 0.175B | 1.70B | 35.1 | 10.5 E | 5.18 | 6.01 | 3.97 | 1.35B | 1.15B | 2 |
| 3 | 0.950B | 0.500B | 0.300B | 0.175B | 1.80B | 33.1 | 10.0 E | 5.12 | 6.33 | 3.86 | 1.35B | 1.15B | 3 |
| 4 | 0.950B | 0.500B | 0.300B | 0.175B | 1.95B | 27.2 | 9.40E | 5.13 | 5.91 | 3.70 | 1.30B | 1.10B | 4 |
| 5 | 0.900B | 0.500B | 0.300B | 0.175B | 2.10B | 15.2 | 9.00E | 6.17 | 5.78 | 3.52 | 1.30B | 1.10B | 5 |
| 6 | 0.900B | 0.500B | 0.300B | 0.161B | 2.20B | 18.2 | 8.50E | 5.70 | 5.61 | 3.70 | 1.30B | 1.10B | 6 |
| 7 | 0.900B | 0.500B | 0.300B | 0.160B | 2.35B | 17.6 | 8.00E | 5.51 | 6.55 | 3.53 | 1.30B | 1.10B | 7 |
| 8 | 0.900B | 0.450B | 0.300B | 0.160B | 2.55B | 19.0 | 7.90E | 5.52 | 8.63 | 3.36 | 1.30B | 1.10B | 8 |
| 9 | 0.850B | 0.450B | 0.250B | 0.160B | 2.75B | 19.3 | 7.80E | 5.50 | 10.2 | 3.07 | 1.30B | 1.10B | 9 |
| 10 | 0.850B | 0.400B | 0.250B | 0.160B | 3.00B | 20.6 | 7.80E | 6.04 | 9.92 | 3.44 | 1.30B | 1.10B | 10 |
| 11 | 0.850B | 0.400B | 0.250B | 0.160B | 3.20B | 24.7 | 8.60E | 25.8 | 9.60 | 3.38 | 1.30B | 1.10B | 11 |
| 12 | 0.800B | 0.400B | 0.250B | 0.160B | 3.45B | 25.8A | 9.80E | 16.3 | 8.95 | 3.17 | 1.25B | 1.10B | 12 |
| 13 | 0.800B | 0.400B | 0.250B | 0.200B | 3.80B | 24.0E | 8.60E | 17.1 | 8.30 | 3.14 | 1.25B | 1.10B | 13 |
| 14 | 0.800B | 0.400B | 0.250B | 0.250B | 4.30B | 22.5E | 7.60E | 15.2 | 7.90 | 2.93 | 1.25B | 1.05B | 14 |
| 15 | 0.800B | 0.350B | 0.250B | 0.340B | 4.70B | 21.0E | 6.60E | 12.8 | 7.46 | 2.26 | 1.25B | 1.05B | 15 |
| 16 | 0.800B | 0.350B | 0.250B | 0.400B | 5.20E | 19.0E | 7.00E | 10.8 | 7.11 | 1.98B | 1.25B | 1.05B | 16 |
| 17 | 0.750B | 0.346B | 0.250B | 0.500B | 5.80E | 18.0E | 7.60E | 9.62 | 6.76 | 1.60B | 1.25B | 1.05B | 17 |
| 18 | 0.750B | 0.300B | 0.200B | 0.550B | 6.50E | 16.5E | 8.40E | 8.75 | 6.40 | 1.40B | 1.20B | 1.05B | 18 |
| 19 | 0.750B | 0.300B | 0.200B | 0.630B | 7.45A | 17.0E | 7.01A | 7.81 | 6.20 | 1.20B | 1.20B | 1.00B | 19 |
| 20 | 0.700B | 0.300B | 0.200B | 0.650B | 12.9 A | 18.5E | 7.11 | 7.23 | 5.90 | 1.10B | 1.20B | 1.00B | 20 |
| 21 | 0.700B | 0.300B | 0.200B | 0.800B | 14.3 | 19.0E | 6.55 | 6.87 | 5.67 | 1.10B | 1.20B | 1.00B | 21 |
| 22 | 0.700B | 0.300B | 0.200B | 0.850B | 13.7 | 18.0E | 6.22 | 6.54 | 5.40 | 1.05B | 1.20B | 1.00B | 22 |
| 23 | 0.700B | 0.300B | 0.200B | 0.900B | 13.1 | 16.0E | 6.56 | 6.76 | 5.17 | 1.10B | 1.20B | 1.00B | 23 |
| 24 | 0.650B | 0.300B | 0.200B | 0.950B | 14.2 | 14.5E | 5.98 | 7.03 | 5.01 | 1.10B | 1.20B | 1.00B | 24 |
| 25 | 0.650B | 0.300B | 0.200B | 1.00 B | 15.9 | 13.0E | 5.78 | 6.64 | 4.78 | 1.15B | 1.20B | 1.00B | 25 |
| 26 | 0.600B | 0.300B | 0.200B | 1.05 B | 17.7 | 11.5E | 5.60 | 6.38 | 4.61 | 1.20B | 1.20B | 1.00B | 26 |
| 27 | 0.600B | 0.300B | 0.200B | 1.10 B | 19.2 | 11.0E | 5.44 | 6.23 | 4.60 | 1.25B | 1.20B | 1.00B | 27 |
| 28 | 0.600B | 0.300B | 0.200B | 1.20 B | 24.6 | 11.5E | 5.32 | 5.97 | 4.50 | 1.30B | 1.20B | 1.00B | 28 |
| 29 | 0.600B | | 0.200B | 1.30 B | 31.2 | 11.8E | 5.17 | 5.82 | 4.27 | 1.35B | 1.15B | 1.00B | 29 |
| 30 | 0.600B | | 0.200B | 1.45 B | 29.8 | 12.0E | 5.12 | 5.61 | 4.25 | 1.35B | 1.15B | 1.00B | 30 |
| 31 | 0.550B | | 0.200B | | 28.8 | | 5.40 | 5.49 | | 1.35B | | 1.00B | 31 |
| TOTAL | 23.950 | 10.846 | 7.450 | 16.076 | 301.75 | 576.5 | 232.68 | 256.23 | 193.05 | 71.79 | 37.45 | 32.70 | TOTAL |
| MEAN | 0.773 | 0.387 | 0.240 | 0.536 | 9.73 | 19.2 | 7.51 | 8.27 | 6.44 | 2.32 | 1.25 | 1.05 | MEAN |
| MAX | 1.00 | 0.550 | 0.300 | 1.45 | 31.2 | 35.1 | 11.5 | 25.8 | 10.2 | 4.18 | 1.35 | 1.15 | MAX |
| MIN | 0.550 | 0.300 | 0.200 | 0.160 | 1.55 | 11.0 | 5.12 | 5.12 | 4.25 | 1.05 | 1.15 | 1.00 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.82
MAXIMUM DAILY, 35.1 ON JUN 2
MINIMUM DAILY, 0.160B ON APR 7
MAXIMUM INSTANTANEOUS,
45.4 AT 21:49 MST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 40 N
LONG 124 48 25 W
DRAINAGE AREA, 495 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 070 | JUL | 20 100 |
| FEB | 937 | AUG | 22 100 |
| MAR | 644 | SEP | 16 700 |
| APR | 1 390 | OCT | 6 200 |
| MAY | 26 100 | NOV | 3 240 |
| JUN | 49 800 | DEC | 2 830 |

TOTAL DISCHARGE, 152 000 dam³

## PRINCE RIVER NEAR BAKER LAKE - STATION NO. 06MA005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 0B | 0B | 0B | 0 B | 59.5 | 38.7 | 27.0E | --- | --- | --- | 1 |
| 2 | --- | --- | 0B | 0B | 0B | 0 B | 56.8 | 36.6 | 27.8E | --- | --- | --- | 2 |
| 3 | --- | --- | 0B | 0B | 0B | 0 B | 55.4 | 35.2 | 29.1E | --- | --- | --- | 3 |
| 4 | --- | --- | 0B | 0B | 0B | 0 B | 54.1 | 33.3 | 50.0E | --- | --- | --- | 4 |
| 5 | --- | --- | 0B | 0B | 0B | 0 B | 52.3 | 31.6 | 45.5E | --- | --- | --- | 5 |
| 6 | --- | --- | 0B | 0B | 0B | 0 B | 51.7 | 29.3 | 41.3E | --- | --- | --- | 6 |
| 7 | --- | --- | 0B | 0B | 0B | 0 B | 51.4 | 29.0 | 40.5E | --- | --- | --- | 7 |
| 8 | --- | --- | 0B | 0B | 0B | 0 B | 50.5 | 27.4 | 42.3E | --- | --- | --- | 8 |
| 9 | --- | --- | 0B | 0B | 0B | 0.008B | 47.8 | 26.5 | 40.3E | --- | --- | --- | 9 |
| 10 | --- | --- | 0B | 0B | 0B | 0.200B | 47.0 | 26.1 | 37.5E | --- | --- | --- | 10 |
| 11 | --- | --- | 0B | 0B | 0B | 0.450B | 45.4 | 25.1 | 35.7E | --- | --- | --- | 11 |
| 12 | --- | --- | 0B | 0B | 0B | 2.70 B | 43.8 | 23.2 | 39.6E | --- | --- | --- | 12 |
| 13 | --- | --- | 0B | 0B | 0B | 20.0 B | 41.9 | 21.3 | 38.4E | --- | --- | --- | 13 |
| 14 | --- | --- | 0B | 0B | 0B | 16.0 B | 41.5 | 21.2 | 33.7E | --- | --- | --- | 14 |
| 15 | --- | --- | 0B | 0B | 0B | 12.5 B | 39.8 | 21.3 | 34.1E | --- | --- | --- | 15 |
| 16 | --- | --- | 0B | 0B | 0B | 9.40 B | 40.0 | 20.6 | 36.8E | --- | --- | --- | 16 |
| 17 | --- | --- | 0B | 0B | 0B | 8.10 B | 39.8 | 20.1 | 38.1E | --- | --- | --- | 17 |
| 18 | --- | --- | 0B | 0B | 0B | 11.3 A | 39.0 | 18.7 | 41.8E | --- | --- | --- | 18 |
| 19 | --- | --- | 0B | 0B | 0B | 19.4 | 37.6 | 18.0 | 42.2E | --- | --- | --- | 19 |
| 20 | --- | --- | 0B | 0B | 0B | 55.0 | 38.3 | 16.8 | 39.9E | --- | --- | --- | 20 |
| 21 | --- | --- | 0B | 0B | 0B | 60.4 | 41.6 | 16.4 | 38.1E | --- | --- | --- | 21 |
| 22 | --- | --- | 0B | 0B | 0B | 61.6 | 38.4 | 15.5 | 36.4E | --- | --- | --- | 22 |
| 23 | --- | --- | 0B | 0B | 0B | 65.8 | 38.2 | 16.0A | 34.0A | --- | --- | --- | 23 |
| 24 | --- | --- | 0B | 0B | 0B | 70.0 | 40.3 | 28.0E | 31.3E | --- | --- | --- | 24 |
| 25 | --- | --- | 0B | 0B | 0B | 70.3 | 41.1 | 26.7E | 28.5E | --- | --- | --- | 25 |
| 26 | --- | --- | 0B | 0B | 0B | 67.2 | 40.9 | 26.7E | 27.3E | --- | --- | --- | 26 |
| 27 | --- | --- | 0B | 0B | 0B | 66.1 | 39.3 | 27.1E | 26.0E | --- | --- | --- | 27 |
| 28 | --- | --- | 0B | 0B | 0B | 63.6 | 41.4 | 26.1E | 25.3E | --- | --- | --- | 28 |
| 29 | --- | | 0B | 0B | 0B | 61.9 | 42.6 | 26.3E | 24.8E | --- | --- | --- | 29 |
| 30 | --- | | 0B | 0B | 0B | 61.1 | 41.0 | 27.1E | 24.0E | --- | --- | --- | 30 |
| 31 | --- | | 0B | | 0B | | 40.2 | 27.0E | | --- | | --- | 31 |
| TOTAL | --- | --- | 0 | 0 | 0 | 803.058 | 1 378.6 | 782.9 | 1 057.3 | --- | --- | --- | TOTAL |
| MEAN | --- | --- | 0 | 0 | 0 | 26.8 | 44.5 | 25.3 | 35.2 | --- | --- | --- | MEAN |
| MAX | --- | --- | 0 | 0 | 0 | 70.3 | 59.5 | 38.7 | 50.0 | --- | --- | --- | MAX |
| MIN | --- | --- | 0 | 0 | 0 | 0 | 37.6 | 15.5 | 24.0 | --- | --- | --- | MIN |

### SUMMARY FOR THE MONTHS MAY TO DEC

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 70.3 ON JUN 25
MINIMUM DAILY, 0B ON MAY 1
MAXIMUM INSTANTANEOUS,
71.4 AT 11:05 CST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 10 00 N
LONG 95 45 00 W
DRAINAGE AREA, 2 136 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 119 000 |
| FEB | --- | AUG | 67 600 |
| MAR | 0 | SEP | 91 400 |
| APR | 0 | OCT | --- |
| MAY | 0 | NOV | --- |
| JUN | 69 400 | DEC | --- |

## QINGUQ CREEK NEAR BAKER LAKE - STATION NO. 06MA002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 0B | 0B | 0B | 0 B | 12.2 | 5.54 | 2.62 | 1.18 B | 0B | 0B | 1 |
| 2 | --- | --- | 0B | 0B | 0B | 0 B | 10.9 | 4.67 | 2.75 | 1.00 B | 0B | 0B | 2 |
| 3 | --- | --- | 0B | 0B | 0B | 0 B | 9.68 | 4.21 | 3.03 | 0.940B | 0B | 0B | 3 |
| 4 | --- | --- | 0B | 0B | 0B | 0 B | 9.31 | 3.96 | 8.40 | 0.890B | 0B | 0B | 4 |
| 5 | --- | --- | 0B | 0B | 0B | 0 B | 7.66 | 3.54 | 8.55 | 0.860B | 0B | 0B | 5 |
| 6 | --- | --- | 0B | 0B | 0B | 0 B | 7.14 | 3.05 | 7.18 | 0.875B | 0B | 0B | 6 |
| 7 | --- | --- | 0B | 0B | 0B | 0 B | 6.84 | 3.36 | 6.80 | 0.980B | 0B | 0B | 7 |
| 8 | --- | --- | 0B | 0B | 0B | 0 B | 7.31 | 3.09 | 6.75 | 1.09 B | 0B | 0B | 8 |
| 9 | --- | --- | 0B | 0B | 0B | 0 B | 6.95 | 2.84 | 6.61 | 1.18 B | 0B | 0B | 9 |
| 10 | --- | --- | 0B | 0B | 0B | 0 B | 6.47 | 2.30 | 5.44 | 1.20 B | 0B | 0B | 10 |
| 11 | --- | --- | 0B | 0B | 0B | 0.015B | 5.90 | 2.35 | 4.75 | 1.25 B | 0B | 0B | 11 |
| 12 | --- | --- | 0B | 0B | 0B | 0.050B | 5.39 | 2.14 | 5.20 B | 1.46 B | 0B | 0B | 12 |
| 13 | --- | --- | 0B | 0B | 0B | 0.140B | 4.85 | 1.65 | 4.60 B | 1.35 B | 0B | 0B | 13 |
| 14 | --- | --- | 0B | 0B | 0B | 0.300B | 4.28 | 1.59 | 4.14 | 1.12 B | 0B | 0B | 14 |
| 15 | --- | --- | 0B | 0B | 0B | 0.500B | 3.89 | 1.58 | 4.23 | 0.940B | 0B | 0B | 15 |
| 16 | --- | --- | 0B | 0B | 0B | 0.800B | 4.18 | 1.58 | 5.15 | 0.800B | 0B | 0B | 16 |
| 17 | --- | --- | 0B | 0B | 0B | 1.50 B | 4.37 | 1.59 | 5.60 | 0.650B | 0B | 0B | 17 |
| 18 | --- | --- | 0B | 0B | 0B | 2.73 E | 4.30 | 1.55 | 7.35 | 0.550B | 0B | 0B | 18 |
| 19 | --- | --- | 0B | 0B | 0B | 4.50 E | 4.28 | 1.41 | 7.63 | 0.460B | 0B | 0B | 19 |
| 20 | --- | --- | 0B | 0B | 0B | 8.00 E | 6.35 | 1.34 | 6.51 | 0.400B | 0B | 0B | 20 |
| 21 | --- | --- | 0B | 0B | 0B | 13.5 E | 8.79 | 1.17 | 5.60 | 0.340B | 0B | 0B | 21 |
| 22 | --- | --- | 0B | 0B | 0B | 24.3 A | 6.47 | 1.15 | 4.95 B | 0.270B | 0B | 0B | 22 |
| 23 | --- | --- | 0B | 0B | 0B | 28.5 | 6.89 | 3.07 | 4.25 B | 0.230B | 0B | 0B | 23 |
| 24 | --- | --- | 0B | 0B | 0B | 26.2 | 7.27 | 3.05 | 3.50 B | 0.190B | 0B | 0B | 24 |
| 25 | --- | --- | 0B | 0B | 0B | 23.6 | 7.37 | 2.54 | 1.78 B | 0.130B | 0B | 0B | 25 |
| 26 | --- | --- | 0B | 0B | 0B | 21.8 | 7.73 | 2.56 | 0.860B | 0.080B | 0B | 0B | 26 |
| 27 | --- | --- | 0B | 0B | 0B | 18.8 | 7.33 | 2.66 | 0.460B | 0.060B | 0B | 0B | 27 |
| 28 | --- | --- | 0B | 0B | 0B | 17.0 | 8.20 | 2.46 | 0.265B | 0.045B | 0B | 0B | 28 |
| 29 | --- | | 0B | 0B | 0B | 15.1 | 8.39 | 2.47 | 1.65 B | 0.030B | 0B | 0B | 29 |
| 30 | --- | | 0B | 0B | 0B | 13.6 | 6.89 | 2.63 | 1.40 B | 0.015B | 0B | 0B | 30 |
| 31 | --- | | 0B | | 0B | | 6.88 | 2.59 | | 0 B | | 0B | 31 |
| TOTAL | --- | --- | 0 | 0 | 0 | 220.935 | 214.46 | 79.29 | 138.005 | 20.565 | 0 | 0 | TOTAL |
| MEAN | --- | --- | 0 | 0 | 0 | 7.36 | 6.92 | 2.56 | 4.60 | 0.663 | 0 | 0 | MEAN |
| MAX | --- | --- | 0 | 0 | 0 | 28.5 | 12.2 | 5.54 | 8.55 | 1.46 | 0 | 0 | MAX |
| MIN | --- | --- | 0 | 0 | 0 | 0 | 3.89 | 1.15 | 0.265 | 0 | 0 | 0 | MIN |

### SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.66
MAXIMUM DAILY, 28.5 ON JUN 23
MINIMUM DAILY, 0B ON MAY 1
MAXIMUM INSTANTANEOUS,
29.4 AT 18:00 CST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 15 30 N
LONG 96 19 00 W
DRAINAGE AREA, 433 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 18 500 |
| FEB | --- | AUG | 6 850 |
| MAR | 0 | SEP | 11 900 |
| APR | 0 | OCT | 1 780 |
| MAY | 0 | NOV | 0 |
| JUN | 19 100 | DEC | 0 |

TOTAL DISCHARGE, 58 100 dam³

## QUOICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 06MB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 12.5B | 10.6 B | 8.99B | 8.78B | 2 110 | 441 | 158E | 109 E | 60.5B | 32.7B | 1 |
| 2 | --- | --- | 12.5B | 10.6 B | 8.95B | 8.78B | 1 950 | 408 | 150E | 106 E | 59.0B | 32.0B | 2 |
| 3 | --- | --- | 12.4B | 10.5 B | 8.90B | 8.78B | 1 830 | 394 | 148E | 104 E | 57.5B | 31.3B | 3 |
| 4 | --- | --- | 12.3B | 10.4 B | 8.90B | 8.80B | 1 720 | 366 | 146E | 102 E | 56.5B | 30.8B | 4 |
| 5 | --- | --- | 12.2B | 10.3 B | 8.85B | 8.80B | 1 590 | 346 | 145E | 101 E | 55.0B | 30.2B | 5 |
| 6 | --- | --- | 12.2B | 10.3 B | 8.85B | 9.00B | 1 460 | 321 | 143E | 100 E | 54.0B | 29.8B | 6 |
| 7 | --- | --- | 12.1B | 10.2 B | 8.84B | 9.20B | 1 320 | 311 | 142E | 99.5E | 53.0B | 29.3B | 7 |
| 8 | --- | --- | 12.1B | 10.2 B | 8.82B | 9.90B | 1 180 | 295 | 140E | 98.0E | 51.5B | 28.9B | 8 |
| 9 | --- | --- | 12.1B | 10.1 B | 8.81B | 10.5 B | 1 060 | 273 | 138E | 96.0E | 50.5B | 28.4B | 9 |
| 10 | --- | --- | 12.0B | 10.1 B | 8.80B | 12.0 B | 959 | 266 | 135E | 95.0E | 49.5B | 28.0B | 10 |
| 11 | --- | --- | 12.0B | 10.1 B | 8.78B | 14.0 B | 864 | 255 | 132E | 95.0E | 48.5B | 27.5B | 11 |
| 12 | --- | --- | 12.0B | 10.0 B | 8.78B | 16.0 B | 796 | 232 | 128E | 95.0E | 47.3B | 27.1B | 12 |
| 13 | --- | --- | 12.0B | 10.0 B | 8.78B | 23.0 B | 733 | 224 | 124E | 95.0E | 46.5B | 26.7B | 13 |
| 14 | --- | --- | 11.9B | 10.0 B | 8.78B | 28.0 B | 674 | 231 | 123E | 95.0E | 45.5B | 26.3B | 14 |
| 15 | --- | --- | 11.9B | 10.0 B | 8.78B | 38.0 B | 627 | 221 | 122E | 93.0E | 44.5B | 25.9B | 15 |
| 16 | --- | --- | 11.9B | 9.99B | 8.78B | 63.0 B | 610 | 205 | 121E | 90.0B | 43.5B | 25.3B | 16 |
| 17 | --- | --- | 11.8B | 9.90B | 8.78B | 100 B | 604 | 195 | 120E | 89.0B | 42.8B | 25.0B | 17 |
| 18 | --- | --- | 11.8B | 9.80B | 8.78B | 150 B | 579 | 190 | 120E | 86.0B | 41.8B | 24.8B | 18 |
| 19 | --- | --- | 11.7B | 9.70B | 8.78B | 250 B | 546 | 186 | 120E | 84.0B | 41.0B | 24.5B | 19 |
| 20 | --- | --- | 11.6B | 9.70B | 8.78B | 380 B | 522 | 184 | 119E | 82.0B | 40.2B | 24.1B | 20 |
| 21 | --- | --- | 11.5B | 9.60B | 8.78B | 600 B | 540 | 180 | 119E | 80.0B | 39.5B | 23.8B | 21 |
| 22 | --- | --- | 11.5B | 9.50B | 8.78B | 998 | 560 | 177 | 119E | 77.5B | 38.5B | 23.5B | 22 |
| 23 | --- | --- | 11.4B | 9.40B | 8.78B | 1 330 | 573 | 176 | 119E | 76.0B | 38.0B | 23.2B | 23 |
| 24 | --- | --- | 11.3B | 9.30B | 8.78B | 1 790 | 567 | 176 | 119E | 73.5B | 37.3B | 22.8B | 24 |
| 25 | --- | --- | 11.2B | 9.20B | 8.78B | 2 680 | 565 | 183 | 118E | 72.0B | 36.5B | 22.6B | 25 |
| 26 | --- | --- | 11.1B | 9.10B | 8.78B | 3 180 | 570 | 185 | 117E | 70.0B | 35.8B | 22.2B | 26 |
| 27 | --- | --- | 11.0B | 9.00B | 8.78B | 3 130 | 567 | 184 | 115E | 68.5B | 35.2B | 22.0B | 27 |
| 28 | --- | --- | 11.0B | 9.00B | 8.78B | 3 030 | 564 | 187A | 113E | 66.5B | 34.5B | 21.8B | 28 |
| 29 | --- | | 10.9B | 9.00B | 8.78B | 2 670 | 534 | 190E | 111E | 65.0B | 33.8B | 21.6B | 29 |
| 30 | --- | | 10.9B | 8.99B | 8.78B | 2 340 | 456 | 179E | 110E | 63.5B | 33.2B | 21.4B | 30 |
| 31 | --- | | 10.8B | | 8.78B | | 466 | 170E | | 62.0B | | 21.1B | 31 |
| TOTAL | --- | --- | 363.6 | 294.58 | 273.09 | 22 896.54 | 27 696 | 7 525 | 3 834 | 2 689.0 | 1 350.9 | 804.6 | TOTAL |
| MEAN | --- | --- | 11.7 | 9.82 | 8.81 | 763 | 893 | 243 | 128 | 86.7 | 45.0 | 26.0 | MEAN |
| MAX | --- | --- | 12.5 | 10.6 | 8.99 | 3 180 | 2 110 | 441 | 158 | 109 | 60.5 | 32.7 | MAX |
| MIN | --- | --- | 10.8 | 8.99 | 8.78 | 8.78 | 456 | 170 | 110 | 62.0 | 33.2 | 21.1 | MIN |

### SUMMARY FOR THE MONTHS APR TO DEC

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 245
MAXIMUM DAILY, 3 180 ON JUN 26
MINIMUM DAILY, 8.78B ON MAY 11
MAXIMUM INSTANTANEOUS,
3 330 AT 04:56 CST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 27 30 N
LONG 94 07 10 W
DRAINAGE AREA, 28 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 2 390 000 |
| FEB | --- | AUG | 650 000 |
| MAR | 71 400 | SEP | 331 000 |
| APR | 25 500 | OCT | 232 000 |
| MAY | 23 600 | NOV | 117 000 |
| JUN | 1 980 000 | DEC | 69 500 |

TOTAL DISCHARGE, 5 820 000 dam³

## RABBIT CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.010B | 0.005B | 0.003B | 0.003B | 0.760B | 0.767 | 0.034 | 0 | 0.014 | 0.160 | 0.022B | 0.005B | 1 |
| 2 | 0.010B | 0.005B | 0.003B | 0.003B | 0.740B | 0.719 | 0.017 | 0.001 | 0.015 | 0.160 | 0.022B | 0.005B | 2 |
| 3 | 0.010B | 0.005B | 0.003B | 0.003B | 0.700B | 0.642 | 0.027 | 0 | 0.017 | 0.152 | 0.018B | 0.005B | 3 |
| 4 | 0.010B | 0.005B | 0.003B | 0.003B | 0.680B | 0.569 | 0.032 | 0.006 | 0.019 | 0.149 | 0.015B | 0.005B | 4 |
| 5 | 0.010B | 0.005B | 0.003B | 0.003B | 0.700B | 0.505 | 0.039 | 0.011 | 0.021 | 0.143 | 0.015B | 0.005B | 5 |
| 6 | 0.010B | 0.005B | 0.003B | 0.003B | 0.899B | 0.438 | 0.036 | 0.009 | 0.023 | 0.146 | 0.015B | 0.005B | 6 |
| 7 | 0.010B | 0.005B | 0.003B | 0.003B | 2.32 B | 0.390 | 0.032 | 0.008 | 0.029 | 0.137 | 0.015B | 0.005B | 7 |
| 8 | 0.010B | 0.005B | 0.003B | 0.003B | 11.9 B | 0.362 | 0.025 | 0.008 | 0.033 | 0.133 | 0.015B | 0.005B | 8 |
| 9 | 0.010B | 0.005B | 0.003B | 0.003B | 23.0 B | 0.340 | 0.023 | 0.008 | 0.035 | 0.125 | 0.015B | 0.005B | 9 |
| 10 | 0.010B | 0.005B | 0.003B | 0.003B | 22.5 B | 0.328 | 0.020 | 0.016 | 0.038 | 0.125 | 0.015B | 0.005B | 10 |
| 11 | 0.010B | 0.003B | 0.003B | 0.005B | 17.5 B | 0.320 | 0.014 | 0.060 | 0.043 | 0.123 | 0.010B | 0.005B | 11 |
| 12 | 0.010B | 0.003B | 0.003B | 0.010B | 16.7 B | 0.303 | 0.014 | 0.100 | 0.051 | 0.118 | 0.010B | 0.005B | 12 |
| 13 | 0.010B | 0.003B | 0.003B | 0.020B | 16.0 B | 0.284 | 0.015 | 0.073 | 0.051 | 0.118 | 0.010B | 0.005B | 13 |
| 14 | 0.010B | 0.003B | 0.003B | 0.030B | 17.0 B | 0.266 | 0.023 | 0.058 | 0.051 | 0.122 | 0.010B | 0.005B | 14 |
| 15 | 0.010B | 0.003B | 0.003B | 0.047B | 18.3 A | 0.223 | 0.023 | 0.046 | 0.050 | 0.133 | 0.010B | 0.005B | 15 |
| 16 | 0.005B | 0.003B | 0.003B | 0.060B | 16.9 E | 0.175 | 0.015 | 0.038 | 0.048 | 0.227B | 0.005B | 0.005B | 16 |
| 17 | 0.005B | 0.003B | 0.003B | 0.075B | 16.5 E | 0.149 | 0.017 | 0.032 | 0.046 | 0.199B | 0.005B | 0.005B | 17 |
| 18 | 0.005B | 0.003B | 0.003B | 0.085B | 17.7 A | 0.121 | 0.011 | 0.028 | 0.045 | 0.187B | 0.005B | 0.005B | 18 |
| 19 | 0.005B | 0.003B | 0.003B | 0.095B | 24.4 | 0.097 | 0.009 | 0.024 | 0.044 | 0.183B | 0.005B | 0.005B | 19 |
| 20 | 0.005B | 0.003B | 0.003B | 0.110B | 18.0 | 0.090 | 0.008 | 0.020 | 0.042 | 0.154B | 0.005B | 0.005B | 20 |
| 21 | 0.005B | 0.003B | 0.003B | 0.130B | 12.9 | 0.065 | 0.006 | 0.019 | 0.041 | 0.116B | 0.005B | 0.005B | 21 |
| 22 | 0.005B | 0.003B | 0.003B | 0.150B | 8.95 | 0.061 | 0.004 | 0.017 | 0.042 | 0.102B | 0.005B | 0.005B | 22 |
| 23 | 0.005B | 0.003B | 0.003B | 0.170B | 6.46 | 0.075 | 0.004 | 0.014 | 0.042 | 0.099B | 0.005B | 0.005B | 23 |
| 24 | 0.005B | 0.003B | 0.003B | 0.200B | 4.55 | 0.061 | 0.006 | 0.016 | 0.045 | 0.091B | 0.005B | 0.005B | 24 |
| 25 | 0.005B | 0.003B | 0.003B | 0.260B | 3.23 | 0.054 | 0.006 | 0.019 | 0.052 | 0.079B | 0.005B | 0.005B | 25 |
| 26 | 0.005B | 0.003B | 0.003B | 0.320B | 2.55 | 0.048 | 0.006 | 0.017 | 0.057 | 0.065B | 0.005B | 0.005B | 26 |
| 27 | 0.005B | 0.003B | 0.003B | 0.400B | 2.03 | 0.040 | 0.005 | 0.016 | 0.075 | 0.054B | 0.005B | 0.005B | 27 |
| 28 | 0.005B | 0.003B | 0.003B | 0.500B | 1.59 | 0.031 | 0.003 | 0.015 | 0.194 | 0.042B | 0.005B | 0.005B | 28 |
| 29 | 0.005B | | 0.003B | 0.600B | 1.26 | 0.028 | 0.005 | 0.014 | 0.205 | 0.038B | 0.005B | 0.005B | 29 |
| 30 | 0.005B | | 0.003B | 0.774B | 1.00 | 0.027 | 0.002 | 0.013 | 0.171 | 0.033B | 0.005B | 0.005B | 30 |
| 31 | 0.005B | | 0.003B | | 0.839 | | 0 | 0.014 | | 0.027B | | 0.005B | 31 |
| TOTAL | 0.230 | 0.104 | 0.093 | 4.071 | 288.558 | 7.578 | 0.486 | 0.722 | 1.639 | 3.740 | 0.292 | 0.155 | TOTAL |
| MEAN | 0.007 | 0.004 | 0.003 | 0.136 | 9.31 | 0.253 | 0.016 | 0.023 | 0.055 | 0.121 | 0.010 | 0.005 | MEAN |
| MAX | 0.010 | 0.005 | 0.003 | 0.774 | 24.4 | 0.767 | 0.039 | 0.100 | 0.205 | 0.227 | 0.022 | 0.005 | MAX |
| MIN | 0.005 | 0.003 | 0.003 | 0.003 | 0.680 | 0.027 | 0 | 0 | 0.014 | 0.027 | 0.005 | 0.005 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.843
MAXIMUM DAILY, 24.4 ON MAY 19
MINIMUM DAILY, 0 ON JUL 31
MAXIMUM INSTANTANEOUS,
28.1 AT 04:23 MST ON MAY 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 27 45 N
LONG 123 28 15 W
DRAINAGE AREA, 120 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 19.9 | JUL | 42.0 |
| FEB | 8.99 | AUG | 62.4 |
| MAR | 8.04 | SEP | 142 |
| APR | 352 | OCT | 323 |
| MAY | 24 900 | NOV | 25.2 |
| JUN | 655 | DEC | 13.4 |

TOTAL DISCHARGE, 26 600 dam³

## RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.203B | 0B | 0B | 0B | 0 B | 43.0B | --- | --- | --- | 5.67 | 1.12 B | 0.110B | 1 |
| 2 | 0.190B | 0B | 0B | 0B | 0 B | 60.0B | --- | --- | --- | 5.30 | 1.05 B | 0.100B | 2 |
| 3 | 0.171B | 0B | 0B | 0B | 0 B | 80.0B | --- | --- | --- | 4.95 | 0.980B | 0.090B | 3 |
| 4 | 0.152B | 0B | 0B | 0B | 0 B | 89.0B | --- | --- | --- | 4.70B | 0.920B | 0.080B | 4 |
| 5 | 0.137B | 0B | 0B | 0B | 0 B | 92.0B | --- | --- | --- | 4.45B | 0.850B | 0.070B | 5 |
| 6 | 0.122B | 0B | 0B | 0B | 0 B | --- | --- | --- | --- | 4.22B | 0.780B | 0.060B | 6 |
| 7 | 0.106B | 0B | 0B | 0B | 0 B | --- | --- | --- | --- | 4.00B | 0.720B | 0.050B | 7 |
| 8 | 0.092B | 0B | 0B | 0B | 0 B | --- | --- | --- | --- | 3.80B | 0.620B | 0.040B | 8 |
| 9 | 0.077B | 0B | 0B | 0B | 0 B | --- | --- | --- | --- | 3.63B | 0.600B | 0.030B | 9 |
| 10 | 0.062B | 0B | 0B | 0B | 0 B | --- | --- | --- | --- | 3.47B | 0.570B | 0.020B | 10 |
| 11 | 0.049B | 0B | 0B | 0B | 0 B | --- | --- | --- | --- | 3.32B | 0.530B | 0.010B | 11 |
| 12 | 0.033B | 0B | 0B | 0B | 0 B | --- | --- | --- | --- | 3.17B | 0.500B | 0 B | 12 |
| 13 | 0.021B | 0B | 0B | 0B | 0 B | --- | --- | --- | --- | 3.03B | 0.470B | 0 B | 13 |
| 14 | 0.010B | 0B | 0B | 0B | 0 B | --- | --- | --- | 9.55 | 2.89B | 0.440B | 0 B | 14 |
| 15 | 0 B | 0B | 0B | 0B | 0.110B | --- | --- | --- | 9.91 | 2.78B | 0.420B | 0 B | 15 |
| 16 | 0 B | 0B | 0B | 0B | 0.220B | --- | --- | --- | 10.3 | 2.67B | 0.380B | 0 B | 16 |
| 17 | 0 B | 0B | 0B | 0B | 0.330B | --- | --- | --- | 9.93 | 2.56B | 0.360B | 0 B | 17 |
| 18 | 0 B | 0B | 0B | 0B | 0.490B | --- | --- | --- | 9.42 | 2.47B | 0.330B | 0 B | 18 |
| 19 | 0 B | 0B | 0B | 0B | 0.670B | --- | --- | --- | 10.3 | 2.38B | 0.310B | 0 B | 19 |
| 20 | 0 B | 0B | 0B | 0B | 0.920B | --- | --- | --- | 10.3 | 2.29B | 0.290B | 0 B | 20 |
| 21 | 0 B | 0B | 0B | 0B | 1.22 B | --- | --- | --- | 9.22 | 2.20B | 0.270B | 0 B | 21 |
| 22 | 0 B | 0B | 0B | 0B | 1.50 B | --- | --- | --- | 10.6 | 2.12B | 0.250B | 0 B | 22 |
| 23 | 0 B | 0B | 0B | 0B | 2.15 B | --- | --- | --- | 11.5 | 2.04B | 0.230B | 0 B | 23 |
| 24 | 0 B | 0B | 0B | 0B | 2.51 B | --- | --- | --- | 9.88 | 1.96B | 0.210B | 0 B | 24 |
| 25 | 0 B | 0B | 0B | 0B | 3.01 B | --- | --- | --- | 11.2 | 1.85B | 0.200B | 0 B | 25 |
| 26 | 0 B | 0B | 0B | 0B | 3.65 B | --- | --- | --- | 11.5 | 1.73B | 0.190B | 0 B | 26 |
| 27 | 0 B | 0B | 0B | 0B | 4.60 B | --- | --- | --- | 9.06 | 1.60B | 0.170B | 0 B | 27 |
| 28 | 0 B | 0B | 0B | 0B | 5.80 B | --- | --- | --- | 7.50 | 1.49B | 0.150B | 0 B | 28 |
| 29 | 0 B | | 0B | 0B | 8.80 B | --- | --- | --- | 6.57 | 1.39B | 0.140B | 0 B | 29 |
| 30 | 0 B | | 0B | 0B | 18.0 B | --- | --- | --- | 6.19 | 1.30B | 0.130B | 0 B | 30 |
| 31 | 0 B | | 0B | | 30.0 B | | --- | --- | | 1.22B | | 0 B | 31 |
| TOTAL | 1.425 | 0 | 0 | 0 | 83.980 | --- | --- | --- | --- | 90.65 | 14.180 | 0.660 | TOTAL |
| MEAN | 0.046 | 0 | 0 | 0 | 2.71 | --- | --- | --- | --- | 2.92 | 0.473 | 0.021 | MEAN |
| MAX | 0.203 | 0 | 0 | 0 | 30.0 | --- | --- | --- | --- | 5.67 | 1.12 | 0.110 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | 1.22 | 0.130 | 0 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON JAN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 40 45 N
LONG 135 42 30 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 123 | JUL | --- |
| FEB | 0 | AUG | --- |
| MAR | 0 | SEP | --- |
| APR | 0 | OCT | 7 830 |
| MAY | 7 260 | NOV | 1 230 |
| JUN | --- | DEC | 57.0 |

## REDSTONE RIVER NEAR THE MOUTH - STATION NO. 10HB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30.2B | 20.3B | 11.8B | 11.0B | 23.4B | 888 | 571 | 442 | 269 | 163 | 47.2B | 37.0B | 1 |
| 2 | 29.8B | 20.1B | 11.7B | 11.2B | 24.2B | 818 | 553 | 607 | 260 | 160 | 46.9B | 36.7B | 2 |
| 3 | 29.4B | 19.9B | 11.5B | 11.4B | 25.0B | 663 | 557 | 647 | 273 | 148 | 46.3B | 36.5B | 3 |
| 4 | 29.0B | 19.5B | 11.3B | 11.6B | 26.0B | 587 | 509 | 508 | 292 | 136 | 46.0B | 36.2B | 4 |
| 5 | 28.5B | 19.0B | 11.2B | 11.8B | 27.1B | 486 | 439 | 417 | 284 | 128 | 45.5B | 36.0B | 5 |
| 6 | 28.1B | 18.5B | 11.0B | 12.0B | 28.4B | 403 | 398 | 454 | 265 | 123 | 45.1B | 35.8B | 6 |
| 7 | 27.8B | 18.1B | 10.9B | 12.1B | 30.1B | 374 | 368 | 511 | 261 | 125 | 44.8B | 35.4B | 7 |
| 8 | 27.3B | 17.8B | 10.8B | 12.3B | 32.5B | 390 | 360 | 419 | 356 | 118 | 44.2B | 35.0B | 8 |
| 9 | 27.0B | 17.4B | 10.7B | 12.6B | 35.6B | 403 | 375 | 355 | 647 | 111 | 43.9B | 34.9B | 9 |
| 10 | 26.7B | 17.0B | 10.6B | 12.8B | 39.8B | 408 | 445 | 316 | 588A | 108 | 43.5B | 34.7B | 10 |
| 11 | 26.3B | 16.8B | 10.5B | 13.1B | 45.1B | 500 | 597 | 750 | 561E | 107 | 43.0B | 34.5B | 11 |
| 12 | 26.0B | 16.3B | 10.4B | 13.4B | 53.8B | 776 | 913 | 2 420 | 534E | 105 | 42.8B | 34.2B | 12 |
| 13 | 25.6B | 16.0B | 10.3B | 13.8B | 68.0B | 1 030 | 652 | 1 610 | 507E | 103 | 42.5B | 34.0B | 13 |
| 14 | 25.3B | 15.8B | 10.2B | 14.1B | 195 B | 1 010 | 481 | 1 490 | 480E | 102 | 42.0B | 33.9B | 14 |
| 15 | 25.0B | 15.3B | 10.1B | 14.4B | 290 B | 1 690 | 400 | 1 190 | 453E | 95.9 | 41.5B | 33.6B | 15 |
| 16 | 24.7B | 15.0B | 10.0B | 14.8B | 350 B | 1 580 | 382 | 966 | 426E | 78.4 | 41.2B | 33.5B | 16 |
| 17 | 24.4B | 14.7B | 10.0B | 15.2B | 392 B | 1 090 | 417 | 830 | 399E | 58.1 | 40.9B | 33.3B | 17 |
| 18 | 24.1B | 14.3B | 10.0B | 15.7B | 434 B | 828 | 1 030 | 682 | 372E | 48.2 | 40.5B | 33.1B | 18 |
| 19 | 23.8B | 14.1B | 10.0B | 16.2B | 472 B | 638 | 1 510 | 599 | 345E | 53.8 | 40.1B | 33.0B | 19 |
| 20 | 23.4B | 13.9B | 10.0B | 16.9B | 500 B | 863 | 903 | 555 | 318E | 61.6 | 40.0B | 32.8B | 20 |
| 21 | 23.2B | 13.7B | 10.0B | 17.7B | 526 B | 1 200 | 625 | 508 | 291E | 68.7 | 39.9B | 32.6B | 21 |
| 22 | 22.9B | 13.5B | 10.0B | 18.3B | 665 | 1 070 | 489 | 483 | 264E | 64.1 | 39.4B | 32.4B | 22 |
| 23 | 22.6B | 13.2B | 10.0B | 19.0B | 553 | 919 | 440 | 495 | 237A | 51.6 | 39.0B | 32.2B | 23 |
| 24 | 22.3B | 13.0B | 10.1B | 19.8B | 531 | 856 | 407 | 478 | 216 | 51.3B | 38.9B | 32.0B | 24 |
| 25 | 22.1B | 12.6B | 10.2B | 20.2B | 522 | 671 | 371 | 434 | 208 | 50.7B | 38.5B | 31.9B | 25 |
| 26 | 21.8B | 12.4B | 10.3B | 20.6B | 534 | 600 | 343 | 397 | 199 | 50.0B | 38.2B | 31.8B | 26 |
| 27 | 21.5B | 12.2B | 10.4B | 21.1B | 577 | 565 | 335 | 364 | 186 | 49.9B | 37.9B | 31.6B | 27 |
| 28 | 21.2B | 12.0B | 10.5B | 21.6B | 652 | 574 | 315 | 335 | 183 | 49.2B | 37.7B | 31.4B | 28 |
| 29 | 21.0B | | 10.6B | 22.2B | 846 | 620 | 295 | 316 | 176 | 48.9B | 37.5B | 31.2B | 29 |
| 30 | 20.8B | | 10.7B | 22.7B | 894 | 646 | 297 | 292 | 165 | 48.1B | 37.1B | 31.0B | 30 |
| 31 | 20.5B | | 10.8B | | 755 | | 338 | 283 | | 47.8B | | 30.9B | 31 |
| TOTAL | 772.3 | 442.4 | 326.6 | 469.6 | 10 146.6 | 23 146 | 16 115 | 20 153 | 10 015 | 2 713.3 | 1 252.0 | 1 043.1 | TOTAL |
| MEAN | 24.9 | 15.8 | 10.5 | 15.7 | 327 | 772 | 520 | 650 | 334 | 87.5 | 41.7 | 33.6 | MEAN |
| MAX | 30.2 | 20.3 | 11.8 | 22.7 | 894 | 1 690 | 1 510 | 2 420 | 647 | 163 | 47.2 | 37.0 | MAX |
| MIN | 20.5 | 12.0 | 10.0 | 11.0 | 23.4 | 374 | 295 | 283 | 165 | 47.8 | 37.1 | 30.9 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 237
MAXIMUM DAILY, 2 420 ON AUG 12
MINIMUM DAILY, 10.0B ON MAR 16
MAXIMUM INSTANTANEOUS,
2 740 AT 19:14 MST ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 55 37 N
LONG 125 18 07 W
DRAINAGE AREA, 15 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 66 700 | JUL | 1 390 000 |
| FEB | 38 200 | AUG | 1 740 000 |
| MAR | 28 200 | SEP | 865 000 |
| APR | 40 600 | OCT | 234 000 |
| MAY | 877 000 | NOV | 108 000 |
| JUN | 2 000 000 | DEC | 90 100 |

TOTAL DISCHARGE, 7 480 000 dam³

## RENGLENG RIVER BELOW DEMPSTER HIGHWAY - STATION NO. 10LC003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.209B | 0B | 0B | 0 B | 0.007B | 44.3 | 20.3 | 6.99 E | 0.713E | 0.644 | 0.264B | 0.035B | 1 |
| 2 | 0.201B | 0B | 0B | 0 B | 0.020B | 37.8 | 20.7 | 6.41 E | 0.712E | 0.613 | 0.259B | 0.030B | 2 |
| 3 | 0.185B | 0B | 0B | 0 B | 0.040B | 32.7 | 20.6 | 5.84 E | 0.711E | 0.558 | 0.252B | 0.026B | 3 |
| 4 | 0.166B | 0B | 0B | 0 B | 0.058B | 30.0 | 20.2 | 5.27 E | 0.710E | 0.523 | 0.247B | 0.022B | 4 |
| 5 | 0.148B | 0B | 0B | 0 B | 0.080B | 30.0 | 20.7 | 4.69 E | 0.709E | 0.510 | 0.239B | 0.018B | 5 |
| 6 | 0.126B | 0B | 0B | 0 B | 0.103B | 29.3 | 21.1 | 4.12 E | 0.708E | 0.480 | 0.233B | 0.014B | 6 |
| 7 | 0.108B | 0B | 0B | 0 B | 0.130B | 25.4 | 20.4 | 3.55 E | 0.707E | 0.490 | 0.226B | 0.010B | 7 |
| 8 | 0.088B | 0B | 0B | 0 B | 0.158B | 22.2 | 20.2 | 2.98 E | 0.706E | 0.450 | 0.220B | 0.008B | 8 |
| 9 | 0.066B | 0B | 0B | 0 B | 0.190B | 17.3 | 19.8 | 2.40 E | 0.705E | 0.240B | 0.213B | 0.004B | 9 |
| 10 | 0.048B | 0B | 0B | 0 B | 0.212B | 17.3 | 19.9 | 1.83 E | 0.704E | 0.270B | 0.207B | 0.002B | 10 |
| 11 | 0.032B | 0B | 0B | 0 B | 0.232B | 21.5 | 19.2 | 1.26 E | 0.703E | 0.302B | 0.200B | 0 B | 11 |
| 12 | 0.017B | 0B | 0B | 0 B | 0.252B | 20.8 | 18.5 | 0.683E | 0.702E | 0.330B | 0.188B | 0 B | 12 |
| 13 | 0.006B | 0B | 0B | 0 B | 0.275B | 20.3 | 17.9 | 0.675A | 0.701E | 0.342B | 0.176B | 0 B | 13 |
| 14 | 0 B | 0B | 0B | 0 B | 0.300B | 20.4 | 17.3 | 0.675 | 0.700E | 0.350B | 0.163B | 0 B | 14 |
| 15 | 0 B | 0B | 0B | 0 B | 0.330B | 18.7 | 16.7 E | 0.672 | 0.698E | 0.354B | 0.152B | 0 B | 15 |
| 16 | 0 B | 0B | 0B | 0 B | 0.355B | 19.3 | 16.2 E | 0.650 | 0.696E | 0.356B | 0.141B | 0 B | 16 |
| 17 | 0 B | 0B | 0B | 0 B | 0.390B | 18.8 | 15.6 E | 0.642 | 0.694E | 0.354B | 0.130B | 0 B | 17 |
| 18 | 0 B | 0B | 0B | 0 B | 0.431B | 20.6 | 15.0 E | 0.659 | 0.692E | 0.350B | 0.122B | 0 B | 18 |
| 19 | 0 B | 0B | 0B | 0 B | 0.470B | 21.2 | 14.4 E | 0.688 | 0.690E | 0.346B | 0.112B | 0 B | 19 |
| 20 | 0 B | 0B | 0B | 0 B | 0.500B | 19.9 | 13.9 E | 0.698 | 0.687E | 0.338B | 0.104B | 0 B | 20 |
| 21 | 0 B | 0B | 0B | 0 B | 0.550B | 19.1 | 13.3 E | 0.705 | 0.684 | 0.333B | 0.097B | 0 B | 21 |
| 22 | 0 B | 0B | 0B | 0 B | 0.600B | 21.7 | 12.7 E | 0.708 | 0.693 | 0.328B | 0.089B | 0 B | 22 |
| 23 | 0 B | 0B | 0B | 0 B | 0.680B | 21.3 | 12.1 E | 0.721 | 0.693 | 0.320B | 0.082B | 0 B | 23 |
| 24 | 0 B | 0B | 0B | 0 B | 0.790B | 20.5 | 11.6 E | 0.703 | 0.701 | 0.314B | 0.076B | 0 B | 24 |
| 25 | 0 B | 0B | 0B | 0 B | 0.893B | 20.7 | 11.0 E | 0.720 | 0.705 | 0.308B | 0.068B | 0 B | 25 |
| 26 | 0 B | 0B | 0B | 0 B | 1.50 B | 20.5 | 10.4 E | 0.719E | 0.717 | 0.302B | 0.062B | 0 B | 26 |
| 27 | 0 B | 0B | 0B | 0 B | 2.70 B | 20.1 | 9.85E | 0.718E | 0.679 | 0.296B | 0.056B | 0 B | 27 |
| 28 | 0 B | 0B | 0B | 0 B | 7.00 B | 20.5 | 9.28E | 0.717E | 0.685 | 0.288B | 0.050B | 0 B | 28 |
| 29 | 0 B | | 0B | 0 B | 49.7 | 20.0 | 8.71E | 0.716E | 0.688 | 0.282B | 0.043B | 0 B | 29 |
| 30 | 0 B | | 0B | 0.002B | 59.3 | 19.9 | 8.13E | 0.715E | 0.665 | 0.277B | 0.038B | 0 B | 30 |
| 31 | 0 B | | 0B | | 55.4 | | 7.56E | 0.714E | | 0.270B | | 0 B | 31 |
| TOTAL | 1.400 | 0 | 0 | 0.002 | 183.646 | 692.1 | 483.23 | 59.238 | 20.958 | 11.518 | 4.507 | 0.169 | TOTAL |
| MEAN | 0.045 | 0 | 0 | 0 | 5.92 | 23.1 | 15.6 | 1.91 | 0.699 | 0.372 | 0.150 | 0.005 | MEAN |
| MAX | 0.209 | 0 | 0 | 0.002 | 59.3 | 44.3 | 21.1 | 6.99 | 0.717 | 0.644 | 0.264 | 0.035 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0.007 | 17.3 | 7.56 | 0.642 | 0.665 | 0.240 | 0.038 | 0 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.99
MAXIMUM DAILY, 59.3 ON MAY 30
MINIMUM DAILY, 0B ON JAN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 45 25 N
LONG 133 51 25 W
DRAINAGE AREA, 1 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 121 | JUL | 41 800 |
| FEB | 0 | AUG | 5 120 |
| MAR | 0 | SEP | 1 810 |
| APR | 0.17 | OCT | 995 |
| MAY | 15 900 | NOV | 389 |
| JUN | 59 800 | DEC | 14.6 |

TOTAL DISCHARGE, 126 000 dam³

## ROOT RIVER NEAR THE MOUTH - STATION NO. 10GA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10.0 B | 8.60B | 8.60B | 8.72B | 12.0B | 511 | 159 | 154 | 157 | 175 | 41.0B | 31.0B | 1 |
| 2 | 9.80B | 8.60B | 8.60B | 8.75B | 17.0B | 540A | 144 | 254 | 158 | 166 | 40.0B | 30.5B | 2 |
| 3 | 9.60B | 8.60B | 8.60B | 8.75B | 27.0B | 471 | 161 | 292 | 174 | 159 | 39.0B | 30.5B | 3 |
| 4 | 9.40B | 8.60B | 8.60B | 8.75B | 40.0B | 514 | 136 | 239 | 192 | 152 | 38.0B | 30.0B | 4 |
| 5 | 9.20B | 8.60B | 8.60B | 8.80B | 60.0B | 507 | 118 | 196 | 183 | 147 | 37.5B | 30.0B | 5 |
| 6 | 9.10B | 8.60B | 8.60B | 8.80B | 90.0B | 358 | 106 | 221 | 172 | 144 | 37.0B | 30.0B | 6 |
| 7 | 9.00B | 8.60B | 8.60B | 8.80B | 140 B | 297 | 96.0 | 347 | 163 | 143 | 37.0B | 29.5B | 7 |
| 8 | 8.90B | 8.60B | 8.60B | 8.90B | 195 | 280 | 88.5 | 288 | 302 | 140 | 36.0B | 29.0B | 8 |
| 9 | 8.80B | 8.60B | 8.60B | 8.90B | 160 | 241 | 82.8 | 229 | 1 150 | 135 | 36.0B | 28.5B | 9 |
| 10 | 8.70B | 8.60B | 8.60B | 8.90B | 121 | 209 | 127 | 193 | 838 | 131 | 35.5B | 28.5B | 10 |
| 11 | 8.70B | 8.50B | 8.60B | 8.90B | 112 | 206 | 385 | 590 | 569 | 132 | 35.0B | 28.0B | 11 |
| 12 | 8.70B | 8.50B | 8.60B | 8.90B | 101 | 262 | 489 | 1 970A | 463 | 132 | 35.0B | 27.0B | 12 |
| 13 | 8.70B | 8.50B | 8.60B | 8.90B | 99.8 | 319 | 351 | 1 370E | 387 | 132 | 34.5B | 27.0B | 13 |
| 14 | 8.60B | 8.50B | 8.60B | 8.90B | 89.2B | 294 | 257 | 981E | 324 | 130 | 34.0B | 26.0B | 14 |
| 15 | 8.60B | 8.50B | 8.60B | 8.90B | 150 B | 479 | 209 | 706E | 290 | 127 | 34.0B | 25.5B | 15 |
| 16 | 8.60B | 8.50B | 8.60B | 8.90B | 260 B | 1 080 | 158 | 550A | 291 | 120 | 34.0B | 25.5B | 16 |
| 17 | 8.60B | 8.50B | 8.60B | 9.00B | 420 B | 784 | 150 | 449 | 287 | 112 | 33.5B | 25.0B | 17 |
| 18 | 8.60B | 8.50B | 8.60B | 9.00B | 737 | 757 | 322 | 372 | 267 | 100 | 33.0B | 24.5B | 18 |
| 19 | 8.60B | 8.50B | 8.60B | 9.00B | 741 | 452 | 1 320 | 336 | 230 | 93.0B | 33.0B | 24.0B | 19 |
| 20 | 8.60B | 8.50B | 8.60B | 9.00B | 841 | 383A | 609 | 284 | 210 | 86.0B | 33.0B | 23.5B | 20 |
| 21 | 8.60B | 8.60B | 8.70B | 9.10B | 819 | 398A | 397 | 262 | 198 | 79.0B | 32.5B | 23.0B | 21 |
| 22 | 8.60B | 8.60B | 8.70B | 9.20B | 807 | 502 | 288 | 257 | 187 | 72.0B | 32.5B | 23.0B | 22 |
| 23 | 8.60B | 8.60B | 8.70B | 9.30B | 663 | 591 | 236 | 263 | 178 | 66.0B | 32.0B | 22.5B | 23 |
| 24 | 8.60B | 8.60B | 8.70B | 9.40B | 597 | 490 | 231 | 267 | 171 | 62.0B | 32.0B | 22.0B | 24 |
| 25 | 8.60B | 8.60B | 8.70B | 9.40B | 574 | 341 | 201 | 246 | 166 | 58.0B | 32.0B | 22.0B | 25 |
| 26 | 8.60B | 8.60B | 8.70B | 9.60B | 549 | 259 | 179 | 222 | 161 | 54.0B | 31.5B | 21.5B | 26 |
| 27 | 8.60B | 8.60B | 8.70B | 9.80B | 528 | 214 | 169 | 204 | 158 | 50.0B | 31.5B | 21.0B | 27 |
| 28 | 8.60B | 8.60B | 8.70B | 10.0 B | 536 | 193 | 174 | 190 | 170 | 48.0B | 31.5B | 21.0B | 28 |
| 29 | 8.60B | | 8.70B | 10.4 B | 562 | 185 | 154 | 176 | 191 | 46.0B | 31.0B | 20.5B | 29 |
| 30 | 8.60B | | 8.70B | 10.9 B | 772 | 178 | 138 A | 164 | 187 | 44.0B | 31.0B | 20.0B | 30 |
| 31 | 8.60B | | 8.70B | | 579 | | 136 | 160 | | 42.0B | | 20.0B | 31 |
| TOTAL | 273.40 | 239.80 | 267.70 | 274.57 | 11 399.0 | 12 291 | 7 731.3 | 12 432 | 8 574 | 3 277.0 | 1 033.5 | 790.0 | TOTAL |
| MEAN | 8.82 | 8.56 | 8.64 | 9.15 | 368 | 410 | 249 | 401 | 286 | 106 | 34.5 | 25.5 | MEAN |
| MAX | 10.0 | 8.60 | 8.70 | 10.9 | 841 | 1 080 | 1 320 | 1 970 | 1 150 | 175 | 41.0 | 31.0 | MAX |
| MIN | 8.60 | 8.50 | 8.60 | 8.72 | 12.0 | 178 | 82.8 | 154 | 157 | 42.0 | 31.0 | 20.0 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 161
MAXIMUM DAILY, 1 970A ON AUG 12
MINIMUM DAILY, 8.50B ON FEB 11
MAXIMUM INSTANTANEOUS,
2 400 AT 04:07 MST ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 40 N
LONG 123 25 45 W
DRAINAGE AREA, 9 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 23 690 | JUL | 668 000 |
| FEB | 20 700 | AUG | 1 070 000 |
| MAR | 23 100 | SEP | 741 000 |
| APR | 23 700 | OCT | 283 000 |
| MAY | 985 000 | NOV | 89 300 |
| JUN | 1 060 000 | DEC | 68 300 |

TOTAL DISCHARGE, 5 060 000 dam³

## SHALE CREEK AT WRIGLEY HIGHWAY - STATION NO. 10GC005

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.010B | 0.001B | 0.001B | 0 B | 0.360B | 6.80 | 1.88 | 1.66 | 2.24 | 3.65 | 0.930B | 0.190B | 1 |
| 2 | 0.010B | 0.001B | 0.001B | 0 B | 0.540B | 6.63 | 1.66 | 1.69 | 2.20 | 3.79 | 0.800B | 0.170B | 2 |
| 3 | 0.010B | 0.001B | 0.001B | 0 B | 0.800B | 5.34 | 1.44 | 1.66 | 2.22 | 3.84 | 0.864B | 0.140B | 3 |
| 4 | 0.010B | 0.001B | 0.001B | 0 B | 1.30 B | 5.82 | 1.31 | 1.55 | 2.15 | 3.74 | 0.830B | 0.120B | 4 |
| 5 | 0.010B | 0.001B | 0.001B | 0 B | 1.90 B | 6.95 | 1.22 | 1.49 | 2.04 | 3.31 | 0.800B | 0.100B | 5 |
| 6 | 0.010B | 0.001B | 0 B | 0 B | 2.90 B | 7.08 | 1.14 | 1.51 | 1.93 | 2.99 | 0.735B | 0.090B | 6 |
| 7 | 0.010B | 0.001B | 0 B | 0 B | 5.00 B | 6.01 | 1.04 | 1.92 | 1.83 | 2.70 | 0.686B | 0.070B | 7 |
| 8 | 0.010B | 0.001B | 0 B | 0 B | 7.45 B | 4.68 | 0.981 | 1.96 | 3.74 | 2.47 | 0.641B | 0.050B | 8 |
| 9 | 0.010B | 0.001B | 0 B | 0 B | 2.87 B | 3.43 | 0.929 | 1.84 | 23.1 | 2.16 | 0.596B | 0.040B | 9 |
| 10 | 0.010B | 0.001B | 0 B | 0 B | 9.49 B | 2.38 | 1.03 | 1.82 | 39.7 | 1.99 | 0.570B | 0.030B | 10 |
| 11 | 0.005B | 0.001B | 0 B | 0 B | 13.0 B | 1.99 | 1.94 | 19.4 | 34.6 | 1.86 | 0.546B | 0.020B | 11 |
| 12 | 0.005B | 0.001B | 0 B | 0 B | 9.30 B | 1.76 | 3.21 | 33.3 | 25.7 | 1.76 | 0.524B | 0.010B | 12 |
| 13 | 0.005B | 0.001B | 0 B | 0 B | 9.72 B | 1.57 | 3.07 | 33.1 | 19.0 | 1.66 | 0.507B | 0.005B | 13 |
| 14 | 0.005B | 0.001B | 0 B | 0 B | 17.7 B | 1.37 | 2.95 | 28.0 | 14.8 | 1.58 | 0.488B | 0.001B | 14 |
| 15 | 0.001B | 0.001B | 0 B | 0 B | 22.1 B | 8.73 | 2.27 | 21.6 | 11.7 | 1.48 | 0.472B | 0.001B | 15 |
| 16 | 0.001B | 0.001B | 0 B | 0.001B | 25.8 E | 16.3 | 2.13 | 16.0 | 9.42 | 1.38 B | 0.455B | 0.001B | 16 |
| 17 | 0.001B | 0.001B | 0 B | 0.001B | 28.9 E | 17.3 | 1.98 | 11.8 | 7.86 | 1.35 B | 0.436B | 0.001B | 17 |
| 18 | 0.001B | 0.001B | 0 B | 0.001B | 24.0 E | 12.8 | 2.92 | 12.0 | 6.37 | 1.35 B | 0.417B | 0.001B | 18 |
| 19 | 0.001B | 0.001B | 0 B | 0.001B | 32.0 E | 8.88 | 6.43 | 27.6 | 5.16 | 1.33 B | 0.395B | 0.001B | 19 |
| 20 | 0.001B | 0.001B | 0 B | 0.001B | 37.4 E | 6.36 | 8.08 | 32.2 | 4.23 | 1.30 B | 0.380B | 0.001B | 20 |
| 21 | 0.001B | 0.001B | 0 B | 0.001B | 38.1 A | 4.55 | 7.52 | 24.1 | 3.50 | 1.30 B | 0.360B | 0.001B | 21 |
| 22 | 0.001B | 0.001B | 0 B | 0.002B | 32.9 E | 14.2 | 5.89 | 18.5 | 2.80 | 1.29 B | 0.330B | 0.001B | 22 |
| 23 | 0.001B | 0.001B | 0 B | 0.002B | 32.5 E | 20.7 | 4.35 | 14.5 | 2.33 | 1.27 B | 0.310B | 0.001B | 23 |
| 24 | 0.001B | 0.001B | 0 B | 0.002B | 20.9 A | 16.6 | 3.34 | 11.7 | 2.08 | 1.22 B | 0.300B | 0.001B | 24 |
| 25 | 0.001B | 0.001B | 0 B | 0.002B | 18.1 | 11.4 | 2.35 | 9.34 | 1.96 | 1.18 B | 0.280B | 0.001B | 25 |
| 26 | 0.001B | 0.001B | 0 B | 0.002B | 16.6 | 8.13 | 2.00 | 7.24 | 1.85 | 1.16 B | 0.260B | 0.001B | 26 |
| 27 | 0.001B | 0.001B | 0 B | 0.005B | 15.5 | 5.87 | 1.81 | 5.89 | 1.78 | 1.12 B | 0.245B | 0.001B | 27 |
| 28 | 0.001B | 0.001B | 0 B | 0.025B | 13.6 | 4.17 | 1.61 | 4.85 | 1.93 | 1.10 B | 0.230B | 0.001B | 28 |
| 29 | 0.001B | | 0 B | 0.085B | 11.7 | 3.12 | 1.42 | 4.06 | 2.71 | 1.06 B | 0.220B | 0.001B | 29 |
| 30 | 0.001B | | 0 B | 0.250B | 9.75 | 2.23 | 1.33 | 3.61 | 3.34 | 1.00 B | 0.205B | 0.001B | 30 |
| 31 | 0.001B | | 0 B | | 8.05 | | 1.46 | 2.83 | | 0.970B | | 0.001B | 31 |
| TOTAL | 0.137 | 0.028 | 0.005 | 0.381 | 470.230 | 223.15 | 80.690 | 358.72 | 244.27 | 58.360 | 14.812 | 1.053 | TOTAL |
| MEAN | 0.004 | 0.001 | 0 | 0.013 | 15.2 | 7.44 | 2.60 | 11.6 | 8.14 | 1.88 | 0.494 | 0.034 | MEAN |
| MAX | 0.010 | 0.001 | 0.001 | 0.250 | 38.1 | 20.7 | 8.08 | 33.3 | 39.7 | 3.84 | 0.930 | 0.190 | MAX |
| MIN | 0.001 | 0.001 | 0 | 0 | 0.360 | 1.37 | 0.929 | 1.49 | 1.78 | 0.970 | 0.205 | 0.001 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.98
MAXIMUM DAILY, 39.7 ON SEP 10
MINIMUM DAILY, 0B ON MAR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 03 30 N
LONG 122 12 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 11.8 | JUL | 6 970 |
| FEB | 2.42 | AUG | 31 000 |
| MAR | 0.43 | SEP | 21 100 |
| APR | 32.9 | OCT | 5 040 |
| MAY | 46 600 | NOV | 1 280 |
| JUN | 19 300 | DEC | 91.0 |

TOTAL DISCHARGE, 125 000 dam³

## SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO. 10HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.00 B | 0.750B | 0.500B | 0.450B | 0.750B | 33.7 | 113 | 81.2 | 19.1 | 14.2 | 2.75B | 2.98B | 1 |
| 2 | 1.00 B | 0.750B | 0.500B | 0.450B | 0.800B | 43.5 | 119 | 103 | 19.1 | 12.7 | 2.80B | 2.96B | 2 |
| 3 | 1.00 B | 0.750B | 0.500B | 0.450B | 0.900B | 47.1 | 116 | 88.4 | 21.9 | 11.9 | 2.85B | 2.95B | 3 |
| 4 | 1.00 B | 0.700B | 0.500B | 0.450B | 1.10 B | 39.9 | 96.5 | 71.8 | 19.1 | 11.2 | 2.90B | 2.95B | 4 |
| 5 | 1.00 B | 0.700B | 0.500B | 0.450B | 1.30 B | 26.3 | 89.3 | 69.8 | 18.6 | 10.5 | 2.95B | 2.90B | 5 |
| 6 | 0.950B | 0.700B | 0.500B | 0.500B | 1.50 B | 24.4 | 81.7 | 93.5 | 18.8 | 10.6 | 2.95B | 2.90B | 6 |
| 7 | 0.950B | 0.700B | 0.500B | 0.500B | 1.90 B | 37.1 | 82.0 | 83.5 | 21.8 | 10.0 | 3.00B | 2.90B | 7 |
| 8 | 0.950B | 0.700B | 0.500B | 0.500B | 2.30 B | 50.8 | 80.2 | 68.7 | 34.6 | 9.31 | 3.00B | 2.90B | 8 |
| 9 | 0.900B | 0.700B | 0.500B | 0.500B | 2.90 B | 57.9 | 73.2 | 59.9 | 39.4 | 8.93 | 3.05B | 2.85B | 9 |
| 10 | 0.900B | 0.700B | 0.500B | 0.500B | 3.50 B | 66.9 | 88.1 | 55.0 | 36.5 | 9.05 | 3.10B | 2.85B | 10 |
| 11 | 0.900B | 0.650B | 0.500B | 0.500B | 4.40 B | 101 | 171 | 128 | 34.6 | 8.79 | 3.10B | 2.85B | 11 |
| 12 | 0.900B | 0.650B | 0.500B | 0.500B | 5.00 B | 139 | 117 | 154 | 32.5 | 8.46 | 3.10B | 2.85B | 12 |
| 13 | 0.900B | 0.650B | 0.500B | 0.500B | 5.60 B | 151 | 86.7 | 128 | 30.5 | 8.57 | 3.10B | 2.85B | 13 |
| 14 | 0.900B | 0.600B | 0.500B | 0.500B | 6.00 B | 167 | 74.1 | 102 | 29.7 | 8.14 | 3.10B | 2.80B | 14 |
| 15 | 0.850B | 0.600B | 0.500B | 0.500B | 6.80 B | 156 | 65.6 | 87.8 | 36.8 | 6.73 | 3.10B | 2.80B | 15 |
| 16 | 0.850B | 0.600B | 0.450B | 0.500B | 7.60 B | 110 | 62.6 | 84.9 | 50.3 | 6.14B | 3.10B | 2.80B | 16 |
| 17 | 0.850B | 0.600B | 0.450B | 0.500B | 7.51 | 92.1 | 61.4 | 75.5 | 67.5 | 5.20B | 3.05B | 2.80B | 17 |
| 18 | 0.850B | 0.600B | 0.450B | 0.500B | 8.55 | 87.8 | 132 | 69.6 | 59.9 | 4.50B | 3.05B | 2.80B | 18 |
| 19 | 0.800B | 0.600B | 0.450B | 0.500B | 12.4 | 120 | 112 | 70.2 | 50.6 | 3.80B | 3.05B | 2.80B | 19 |
| 20 | 0.800B | 0.600B | 0.450B | 0.527B | 14.3 | 189 | 86.3 | 63.0 | 41.9 | 3.50B | 3.05B | 2.80B | 20 |
| 21 | 0.800B | 0.600B | 0.450B | 0.550B | 13.5 | 148 | 73.1 | 55.4 | 36.1 | 3.20B | 3.00B | 2.75B | 21 |
| 22 | 0.800B | 0.600B | 0.450B | 0.550B | 12.2 | 114 | 63.7 | 50.6 | 31.8 | 2.90B | 3.00B | 2.75B | 22 |
| 23 | 0.800B | 0.550B | 0.450B | 0.550B | 11.9 | 128 | 58.3 | 50.3 | 27.3 | 2.75B | 3.00B | 2.75B | 23 |
| 24 | 0.800B | 0.550B | 0.450B | 0.550B | 12.1 | 116 | 51.7 | 51.0 | 24.3 | 2.65B | 3.00B | 2.75B | 24 |
| 25 | 0.800B | 0.550B | 0.450B | 0.550B | 12.2 | 105 | 47.2 | 47.8 | 21.6 | 2.60B | 3.00B | 2.75B | 25 |
| 26 | 0.800B | 0.550B | 0.450B | 0.550B | 13.2 | 105 | 44.0 | 42.0 | 18.8 | 2.60B | 3.00B | 2.75B | 26 |
| 27 | 0.800B | 0.550B | 0.450B | 0.600B | 15.5 | 110 | 41.6 | 36.8 | 18.4 | 2.60B | 3.00B | 2.70B | 27 |
| 28 | 0.800B | 0.500B | 0.450B | 0.600B | 20.5 | 122 | 39.0 | 32.1 | 16.5 | 2.60B | 2.98B | 2.70B | 28 |
| 29 | 0.800B | | 0.450B | 0.650B | 27.9 | 135 | 38.4 | 27.8 | 14.8 | 2.60B | 2.98B | 2.70B | 29 |
| 30 | 0.750B | | 0.450B | 0.700B | 26.9 | 121 | 38.1 | 24.2 | 14.2 | 2.62B | 2.98B | 2.70B | 30 |
| 31 | 0.750B | | 0.450B | | 29.3 | | 51.6 | 21.7 | | 2.68B | | 2.70B | 31 |
| TOTAL | 26.950 | 17.750 | 14.700 | 15.627 | 290.310 | 2 945.5 | 2 454.4 | 2 177.5 | 907.0 | 202.02 | 90.09 | 87.29 | TOTAL |
| MEAN | 0.869 | 0.634 | 0.474 | 0.521 | 9.36 | 98.2 | 79.2 | 70.2 | 30.2 | 6.52 | 3.00 | 2.82 | MEAN |
| MAX | 1.00 | 0.750 | 0.500 | 0.700 | 29.3 | 189 | 171 | 154 | 67.5 | 14.2 | 3.10 | 2.98 | MAX |
| MIN | 0.750 | 0.500 | 0.450 | 0.450 | 0.750 | 24.4 | 38.1 | 21.7 | 14.2 | 2.60 | 2.75 | 2.70 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.3
MAXIMUM DAILY, 189 ON JUN 20
MINIMUM DAILY, 0.450B ON MAR 16
MAXIMUM INSTANTANEOUS,
224 AT 05:11 MST ON JUN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 45 40 N
LONG 126 41 30 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 2 330 | JUL | 212 000 |
| FEB | 1 530 | AUG | 188 000 |
| MAR | 1 270 | SEP | 78 400 |
| APR | 1 350 | OCT | 17 500 |
| MAY | 25 100 | NOV | 7 780 |
| JUN | 254 000 | DEC | 7 540 |

TOTAL DISCHARGE, 797 000 dam³

## SIURAQ CREEK NEAR OUTLET TO KAIAK RIVER - STATION NO. 06LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 0B | 0B | 0B | 0 B | 15.9 | 2.52 | 0.804 | 16.5 | 1.00 B | --- | 1 |
| 2 | --- | --- | 0B | 0B | 0B | 0 B | 15.0 | 2.31 | 0.816 | 15.7 | 0.900B | --- | 2 |
| 3 | --- | --- | 0B | 0B | 0B | 0 B | 14.3 | 2.07 | 0.902 | 16.6 | 0.800B | --- | 3 |
| 4 | --- | --- | 0B | 0B | 0B | 0.050B | 13.2 | 1.63 | 0.916 | 15.4 | 0.600B | --- | 4 |
| 5 | --- | --- | 0B | 0B | 0B | 0.100B | 13.1 | 1.51 | 0.855 | 13.7 | 0.400B | --- | 5 |
| 6 | --- | --- | 0B | 0B | 0B | 0.150B | 12.5 | 1.51 | 0.895 | 12.5 | 0.300B | --- | 6 |
| 7 | --- | --- | 0B | 0B | 0B | 0.200B | 12.0 | 1.42 | 0.910 | 11.4 | 0.200B | --- | 7 |
| 8 | --- | --- | 0B | 0B | 0B | 0.400B | 10.3 | 1.22 | 0.905 | 11.1 | 0.100B | --- | 8 |
| 9 | --- | --- | 0B | 0B | 0B | 1.00 B | 9.46 | 1.21 | 0.923 | 11.1 | 0 B | --- | 9 |
| 10 | --- | --- | 0B | 0B | 0B | 8.00 B | 9.27 | 1.11 | 0.907 | 10.9 | 0 B | --- | 10 |
| 11 | --- | --- | 0B | 0B | 0B | 16.0 B | 8.94 | 0.942 | 1.35 | 10.7 | 0 B | --- | 11 |
| 12 | --- | --- | 0B | 0B | 0B | 25.0 B | 8.28 | 1.03 | 2.57 | 10.9 | 0 B | --- | 12 |
| 13 | --- | --- | 0B | 0B | 0B | 32.7 | 7.81 | 1.11 | 3.44 | 11.3 | 0 B | --- | 13 |
| 14 | --- | --- | 0B | 0B | 0B | 36.9 | 7.45 | 1.24 | 3.71 | 10.8 | 0 B | --- | 14 |
| 15 | --- | --- | 0B | 0B | 0B | 35.2 | 7.01 | 1.17 | 4.50 | 7.81 | 0 B | --- | 15 |
| 16 | --- | --- | 0B | 0B | 0B | 33.3 | 6.89 | 1.13 | 6.62 | 5.23 | 0 B | --- | 16 |
| 17 | --- | --- | 0B | 0B | 0B | 31.7 | 6.98 | 1.13 | 9.26 | 3.70 B | 0 B | --- | 17 |
| 18 | --- | --- | 0B | 0B | 0B | 29.8 | 5.98 | 1.08 | 15.4 | 2.50 B | 0 B | --- | 18 |
| 19 | --- | --- | 0B | 0B | 0B | 28.0 | 5.80 | 0.987 | 23.3 | 1.70 B | 0 B | --- | 19 |
| 20 | --- | --- | 0B | 0B | 0B | 27.3 | 5.79 | 0.935 | 24.8 | 1.20 B | 0 B | --- | 20 |
| 21 | --- | --- | 0B | 0B | 0B | 26.5 | 5.83 | 0.976 | 25.3 | 0.950B | 0 B | --- | 21 |
| 22 | --- | --- | 0B | 0B | 0B | 25.9 | 5.44 | 0.970 | 24.9 | 0.600B | 0 B | --- | 22 |
| 23 | --- | --- | 0B | 0B | 0B | 25.4 | 4.81 | 0.980 | 24.2 | 0.400B | 0 B | --- | 23 |
| 24 | --- | --- | 0B | 0B | 0B | 24.6 | 4.28 | 0.924 | 23.2 | 0.300B | 0 B | --- | 24 |
| 25 | --- | --- | 0B | 0B | 0B | 23.5 | 3.72 | 0.945 | 22.6 | 0.260B | 0 B | --- | 25 |
| 26 | --- | --- | 0B | 0B | 0B | 22.4 | 3.13 | 0.949 | 19.6 | 0.230B | 0 B | --- | 26 |
| 27 | --- | --- | 0B | 0B | 0B | 20.9 | 3.12 | 0.932 | 20.9 | 0.210B | 0 B | --- | 27 |
| 28 | --- | --- | 0B | 0B | 0B | 18.2 | 3.42 | 0.874 | 18.1 | 0.200B | 0 B | --- | 28 |
| 29 | --- | | 0B | 0B | 0B | 17.1 | 2.88 | 0.903 | 17.8 | 0.240B | 0 B | --- | 29 |
| 30 | --- | | 0B | 0B | 0B | 16.2 | 2.83 | 0.894 | 17.5 | 0.380B | 0 B | --- | 30 |
| 31 | --- | | 0B | | 0B | | 2.72 | 0.850 | | 0.600B | | --- | 31 |
| TOTAL | --- | --- | 0 | 0 | 0 | 526.500 | 238.06 | 37.461 | 317.883 | 204.210 | 4.300 | --- | TOTAL |
| MEAN | --- | --- | 0 | 0 | 0 | 17.6 | 7.68 | 1.21 | 10.6 | 6.59 | 0.143 | --- | MEAN |
| MAX | --- | --- | 0 | 0 | 0 | 36.9 | 15.9 | 2.52 | 25.3 | 16.6 | 1.00 | --- | MAX |
| MIN | --- | --- | 0 | 0 | 0 | 0 | 2.72 | 0.850 | 0.804 | 0.200 | 0 | --- | MIN |

SUMMARY FOR THE MONTHS MAY TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.28
MAXIMUM DAILY, 36.9 ON JUN 14
MINIMUM DAILY, 0B ON MAY 1
MAXIMUM INSTANTANEOUS,
37.0 AT 20:46 CST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 00 N
LONG 98 32 00 W
DRAINAGE AREA, 1 490 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 20 600 |
| FEB | --- | AUG | 3 340 |
| MAR | 0 | SEP | 27 500 |
| APR | 0 | OCT | 17 700 |
| MAY | 0 | NOV | 372 |
| JUN | 45 500 | DEC | --- |

TOTAL DISCHARGE, 115 000 dam³

## SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JB001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.53B | 2.70B | 1.92 B | 0.228B | 0 B | 44.2 | 86.7 | 19.9 | 9.64E | 6.50B | 3.80B | 2.32B | 1 |
| 2 | 3.40B | 2.68B | 1.84 B | 0.207B | 0 B | 48.1 | 82.4 | 19.3 | 9.48E | 6.40B | 3.73B | 2.28B | 2 |
| 3 | 3.43B | 2.66B | 1.79 B | 0.190B | 0 B | 50.8 | 78.2 | 18.5 | 9.33E | 6.30B | 3.68B | 2.24B | 3 |
| 4 | 3.39B | 2.64B | 1.73 B | 0.150B | 0 B | 51.4 | 74.1 | 17.9 | 9.18E | 6.20B | 3.61B | 2.20B | 4 |
| 5 | 3.34B | 2.62B | 1.67 B | 0.125B | 0 B | 53.0 | 70.4 | 17.2 | 9.02E | 6.10B | 3.55B | 2.17B | 5 |
| 6 | 3.31B | 2.60B | 1.61 B | 0.100B | 0 B | 55.8 | 66.8 | 17.0 | 8.87E | 6.00B | 3.50B | 2.10B | 6 |
| 7 | 3.28B | 2.59B | 1.54 B | 0.082B | 0 B | 57.9 | 62.9 | 16.7 | 8.71E | 5.88B | 3.44B | 2.10B | 7 |
| 8 | 3.24B | 2.57B | 1.49 B | 0.065B | 0 B | 60.4 | 59.6 | 16.2 | 8.56E | 5.78B | 3.38B | 2.06B | 8 |
| 9 | 3.20B | 2.55B | 1.42 B | 0.052B | 0 B | 63.9 | 55.2 | 15.7 | 8.40E | 5.66B | 3.32B | 2.03B | 9 |
| 10 | 3.17B | 2.53B | 1.36 B | 0.038B | 0 B | 68.5 | 50.8 | 15.3 | 8.25E | 5.58B | 3.28B | 2.01B | 10 |
| 11 | 3.13B | 2.52B | 1.29 B | 0.027B | 0 B | 74.1 | 48.2 | 13.8 | 8.09E | 5.47B | 3.21B | 1.98B | 11 |
| 12 | 3.11B | 2.50B | 1.23 B | 0.018B | 0 B | 79.6 | 45.7 | 13.4 | 7.94E | 5.38B | 3.15B | 1.96B | 12 |
| 13 | 3.08B | 2.49B | 1.17 B | 0.010B | 0 B | 84.0 | 43.4 | 13.2 | 7.78E | 5.27B | 3.10B | 1.93B | 13 |
| 14 | 3.05B | 2.48B | 1.10 B | 0.004B | 0 B | 90.6 | 40.0 | 13.5 | 7.63E | 5.19B | 3.04B | 1.89B | 14 |
| 15 | 3.02B | 2.46B | 1.04 B | 0.002B | 0 B | 96.9 | 38.3 | 13.7 | 7.47E | 5.08B | 3.00B | 1.86B | 15 |
| 16 | 3.00B | 2.44B | 0.980B | 0 B | 0 B | 103 | 36.6 | 13.5 | 7.32E | 5.00B | 2.95B | 1.83B | 16 |
| 17 | 2.98B | 2.42B | 0.920B | 0 B | 0 B | 105 | 35.0 | 13.2 | 7.16E | 4.93B | 2.90B | 1.81B | 17 |
| 18 | 2.96B | 2.39B | 0.860B | 0 B | 0.001B | 106 | 33.6 | 12.8 | 7.01E | 4.82B | 2.85B | 1.78B | 18 |
| 19 | 2.94B | 2.37B | 0.802B | 0 B | 0.023B | 106 | 32.3 | 12.1 | 6.85E | 4.77B | 2.80B | 1.76B | 19 |
| 20 | 2.92B | 2.34B | 0.746B | 0 B | 0.120B | 104 | 30.7 | 12.3 | 6.70A | 4.68B | 2.76B | 1.73B | 20 |
| 21 | 2.89B | 2.31B | 0.695B | 0 B | 0.440B | 107 | 29.4 | 12.0 | 6.75 | 4.60B | 2.71B | 1.70B | 21 |
| 22 | 2.88B | 2.28B | 0.640B | 0 B | 1.70 B | 106 | 28.2 | 11.9 | 6.85 | 4.52B | 2.67B | 1.68B | 22 |
| 23 | 2.87B | 2.25B | 0.590B | 0 B | 4.00 B | 107 | 26.9 | 11.7 | 6.81 | 4.42B | 2.62B | 1.66B | 23 |
| 24 | 2.85B | 2.22B | 0.542B | 0 B | 8.60 B | 107 | 26.1 | 11.3 | 6.72 | 4.37B | 2.58B | 1.64B | 24 |
| 25 | 2.83B | 2.17B | 0.500B | 0 B | 14.5 B | 107 | 25.2 | 11.1 | 6.69 | 4.29B | 2.54B | 1.62B | 25 |
| 26 | 2.81B | 2.13B | 0.452B | 0 B | 19.5 B | 106 | 24.1 | 10.9 | 6.70 | 4.21B | 2.50B | 1.59B | 26 |
| 27 | 2.79B | 2.08B | 0.410B | 0 B | 24.1 | 103 | 23.5 | 10.8 | 6.71 | 4.12B | 2.47B | 1.56B | 27 |
| 28 | 2.77B | 2.02B | 0.370B | 0 B | 27.4 | 98.9 | 22.4 | 10.8 | 6.66 | 4.06B | 2.43B | 1.54B | 28 |
| 29 | 2.75B | | 0.327B | 0 B | 29.9 | 94.5 | 21.7 | 10.8 | 6.62 | 4.00B | 2.39B | 1.52B | 29 |
| 30 | 2.73B | | 0.288B | 0 B | 35.6 | 90.6 | 21.0 | 9.95A | 6.60 | 3.93B | 2.35B | 1.50B | 30 |
| 31 | 2.71B | | 0.253B | | 40.7 | | 20.4 | 9.79E | | 3.86B | | 1.48B | 31 |
| TOTAL | 94.44 | 68.01 | 31.575 | 1.288 | 206.584 | 2 530.2 | 1 339.8 | 426.24 | 230.50 | 157.35 | 90.31 | 57.57 | TOTAL |
| MEAN | 3.05 | 2.43 | 1.02 | 0.043 | 6.66 | 84.3 | 43.2 | 13.7 | 7.68 | 5.08 | 3.01 | 1.86 | MEAN |
| MAX | 3.53 | 2.70 | 1.92 | 0.228 | 40.7 | 107 | 86.7 | 19.9 | 9.64 | 6.50 | 3.80 | 2.32 | MAX |
| MIN | 2.71 | 2.02 | 0.253 | 0 | 0 | 44.2 | 20.4 | 9.79 | 6.60 | 3.86 | 2.35 | 1.48 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.3
MAXIMUM DAILY, 107 ON JUN 21
MINIMUM DAILY, 0B ON APR 16
MAXIMUM INSTANTANEOUS,
113 AT 18:06 MST ON JUN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 31 31 N
LONG 117 15 34 W
DRAINAGE AREA, 3 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 8 160 | JUL | 116 000 |
| FEB | 5 880 | AUG | 36 800 |
| MAR | 2 730 | SEP | 19 900 |
| APR | 111 | OCT | 13 600 |
| MAY | 17 800 | NOV | 7 800 |
| JUN | 219 000 | DEC | 4 970 |

TOTAL DISCHARGE, 453 000 dam³

## SNOWDRIFT RIVER AT OUTLET OF SILTAIA LAKE - STATION NO. 07QB002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17.2B | 10.5 B | 8.03B | 6.41B | 5.34B | 61.1E | 85.1 | 46.9 | 32.3 | 64.8 | 53.0B | 31.0B | 1 |
| 2 | 17.0B | 10.3 B | 7.96B | 6.39B | 5.31B | 67.9E | 82.3 | 45.0 | 32.2 | 64.3 | 51.9B | 30.5B | 2 |
| 3 | 16.8B | 10.1 B | 7.83B | 6.37B | 5.28B | 77.1E | 77.2 | 43.0 | 32.2 | 63.4 | 50.9B | 30.1B | 3 |
| 4 | 16.5B | 10.0 B | 7.80B | 6.30B | 5.25B | 90.0E | 77.0 | 41.1 | 31.6 | 62.8 | 48.6B | 29.9B | 4 |
| 5 | 16.2B | 9.91B | 7.74B | 6.27B | 5.22B | 109 E | 74.9 | 40.0 | 31.5 | 61.9 | 47.6B | 29.4B | 5 |
| 6 | 15.7B | 9.82B | 7.67B | 6.18B | 5.19B | 135 E | 72.8 | 39.2 | 31.3 | 61.4 | 46.6B | 28.8B | 6 |
| 7 | 15.5B | 9.74B | 7.57B | 6.19B | 5.16B | 161 E | 70.6 | 38.7 | 31.6 | 60.8 | 44.4B | 28.6B | 7 |
| 8 | 15.4B | 9.66B | 7.56B | 6.20B | 5.13B | 181 E | 69.9 | 38.0 | 33.3 | 60.2 | 43.8B | 28.2B | 8 |
| 9 | 15.1B | 9.57B | 7.49B | 6.27B | 5.10B | 188 E | 69.3 | 37.1 | 35.3 | 59.8 | 42.6B | 28.0B | 9 |
| 10 | 14.9B | 9.51B | 7.42B | 6.23B | 5.09B | 192 E | 68.4 | 36.4 | 37.6 | 59.1 | 41.5B | 27.5B | 10 |
| 11 | 14.6B | 9.40B | 7.37B | 6.18B | 5.08B | 192 E | 66.0 | 36.0 | 40.8 | 59.5 | 40.6B | 27.0B | 11 |
| 12 | 14.2B | 9.31B | 7.30B | 6.16B | 5.07B | 184 E | 64.4 | 35.5 | 43.3 | 60.3 | 40.0B | 26.9B | 12 |
| 13 | 13.9B | 9.32B | 7.26B | 6.13B | 5.06B | 175 E | 62.1 | 34.6 | 46.0 | 60.6 | 39.2B | 26.7B | 13 |
| 14 | 13.6B | 9.25B | 7.20B | 6.15B | 5.05B | 158 E | 60.8 | 34.3 | 48.9 | 61.2 | 38.3B | 26.5B | 14 |
| 15 | 13.6B | 9.19B | 7.15B | 6.03B | 5.04B | 147 E | 59.9 | 34.1 | 51.7 | 62.0 | 37.5B | 26.2B | 15 |
| 16 | 13.5B | 9.10B | 7.07B | 5.94B | 5.10E | 137 E | 58.2 | 33.6 | 54.8 | 62.5 | 37.2B | 25.9B | 16 |
| 17 | 13.3B | 9.03B | 7.03B | 5.91B | 5.20E | 127 E | 56.7 | 33.4 | 57.9 | 62.4 | 36.6B | 25.7B | 17 |
| 18 | 13.0B | 8.92B | 6.93B | 5.90B | 5.40E | 122 E | 55.7 | 32.8 | 61.3 | 62.5 | 36.2B | 25.4B | 18 |
| 19 | 12.9B | 8.84B | 6.88B | 5.87B | 5.75E | 117 E | 55.3 | 32.6 | 63.9 | 62.6 | 35.9B | 25.2B | 19 |
| 20 | 12.7B | 8.75B | 6.81B | 5.80B | 6.25E | 114 E | 54.7 | 33.8 | 66.0 | 62.4 | 35.2B | 24.9B | 20 |
| 21 | 12.5B | 8.68B | 6.79B | 5.73B | 6.91E | 110 A | 54.3 | 32.9 | 67.6 | 62.5 | 34.8B | 24.6B | 21 |
| 22 | 12.3B | 8.62B | 6.76B | 5.61B | 8.33E | 107 | 53.8 | 32.3 | 68.7 | 62.1 | 34.2B | 24.4B | 22 |
| 23 | 12.2B | 8.55B | 6.74B | 5.58B | 9.92E | 105 | 53.1 | 32.1 | 69.6 | 60.7 | 33.7B | 24.1B | 23 |
| 24 | 12.0B | 8.48B | 6.67B | 5.55B | 11.5 E | 102 | 51.7 | 31.7 | 69.4 | 60.9 | 33.5B | 23.8B | 24 |
| 25 | 11.9B | 8.38B | 6.69B | 5.52B | 12.8 E | 101 | 50.8 | 31.7 | 69.6 | 60.4 | 33.3B | 23.5B | 25 |
| 26 | 11.7B | 8.26B | 6.64B | 5.49B | 14.7 E | 100 | 50.4 | 32.4 | 68.9 | 60.1 | 33.0B | 23.3B | 26 |
| 27 | 11.5B | 8.23B | 6.60B | 5.46B | 17.0 E | 97.9 | 49.8 | 32.6 | 68.4 | 58.6B | 32.8B | 23.1B | 27 |
| 28 | 11.3B | 8.15B | 6.59B | 5.43B | 23.4 E | 95.6 | 49.4 | 32.6 | 67.5 | 57.4B | 33.3B | 22.8B | 28 |
| 29 | 11.1B | | 6.54B | 5.40B | 33.4 E | 91.4 | 49.1 | 32.3 | 66.8 | 56.3B | 31.8B | 22.5B | 29 |
| 30 | 11.0B | | 6.49B | 5.37B | 45.1 E | 87.7 | 48.8 | 32.2 | 66.0 | 55.2B | 31.4B | 22.3B | 30 |
| 31 | 10.7B | | 6.45B | | 55.0 E | | 48.5 | 32.2 | | 54.1B | | 22.0B | 31 |
| TOTAL | 423.9 | 257.57 | 221.83 | 178.10 | 343.93 | 3 732.7 | 1 901.0 | 1 100.1 | 1 546.0 | 1 882.8 | 1 178.4 | 809.0 | TOTAL |
| MEAN | 13.7 | 9.20 | 7.13 | 5.94 | 11.1 | 124 | 61.3 | 35.5 | 51.5 | 60.7 | 38.3 | 26.1 | MEAN |
| MAX | 17.2 | 10.5 | 8.03 | 6.41 | 55.0 | 192 | 85.1 | 46.9 | 69.6 | 64.8 | 53.0 | 31.0 | MAX |
| MIN | 10.7 | 8.15 | 6.45 | 5.37 | 5.04 | 61.1 | 48.5 | 31.7 | 31.3 | 54.1 | 31.4 | 22.0 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.2
MAXIMUM DAILY, 192E ON JUN 10
MINIMUM DAILY, 5.04B ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 10 30 N
LONG 109 51 18 W
DRAINAGE AREA, 5 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 36 600 | JUL | 164 000 |
| FEB | 22 300 | AUG | 95 000 |
| MAR | 19 100 | SEP | 134 000 |
| APR | 15 400 | OCT | 163 000 |
| MAY | 29 700 | NOV | 102 000 |
| JUN | 323 000 | DEC | 69 900 |

TOTAL DISCHARGE, 1 170 000 dam³

NORTHWEST TERRITORIES

## SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO. 10EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 97.0B | 62.0B | 56.0B | 55.0B | 67.0B | 1 400E | 1 020 | 550 | 379 | 291 | 146 | 109 B | 1 |
| 2 | 96.0B | 61.0B | 56.0B | 54.0B | 68.0B | 1 410E | 953 | 639 | 368 | 289 | 106B | 108 B | 2 |
| 3 | 94.0B | 61.0B | 56.0B | 54.0B | 70.0B | 1 450E | 959 | 690 | 370 | 317 | 108B | 108 B | 3 |
| 4 | 92.0B | 60.0B | 56.0B | 54.0B | 71.0B | 1 550E | 946 | 650 | 373 | 338 | 109B | 107 B | 4 |
| 5 | 91.0B | 60.0B | 56.0B | 54.0B | 72.0B | 1 300E | 891 | 600 | 393 | 321 | 110B | 107 B | 5 |
| 6 | 89.0B | 60.0B | 56.0B | 54.0B | 73.0B | 1 000E | 857 | 589 | 395 | 309 | 111B | 106 B | 6 |
| 7 | 87.0B | 59.0B | 56.0B | 54.0B | 77.0B | 798A | 796 | 600 | 383 | 297 | 111B | 106 B | 7 |
| 8 | 86.0B | 59.0B | 56.0B | 55.0B | 80.0B | 856 | 764 | 579 | 391 | 285 | 111B | 105 B | 8 |
| 9 | 85.0B | 58.0B | 56.0B | 55.0B | 83.0B | 1 010 | 770 | 554 | 444 | 274 | 111B | 105 B | 9 |
| 10 | 83.0B | 58.0B | 56.0B | 55.0B | 88.0B | 1 160 | 765 | 542 | 481 | 263 | 112B | 104 B | 10 |
| 11 | 81.0B | 58.0B | 56.0B | 55.0B | 97.0E | 1 330 | 791 | 777 | 497 | 257 | 112B | 104 B | 11 |
| 12 | 80.0B | 58.0B | 56.0B | 55.0B | 110 E | 1 560 | 1 010 | 1 290 | 493 | 252 | 112B | 104 B | 12 |
| 13 | 78.0B | 58.0B | 56.0B | 56.0B | 150 E | 1 750 | 999 | 1 250 | 468 | 253 | 112B | 103 B | 13 |
| 14 | 77.0B | 58.0B | 56.0B | 56.0B | 200 E | 1 790 | 819 | 1 080 | 447 | 253 | 111B | 103 B | 14 |
| 15 | 76.0B | 58.0B | 56.0B | 56.0B | 260 E | 1 910 | 714 | 897 | 429 | 254 | 111B | 102 B | 15 |
| 16 | 75.0B | 58.0B | 56.0B | 56.0B | 350 E | 1 790 | 673 | 765 | 420 | 251 | 111B | 102 B | 16 |
| 17 | 74.0B | 57.0B | 56.0B | 56.0B | 480 E | 1 520 | 669 | 686 | 442 | 231 | 111B | 101 B | 17 |
| 18 | 73.0B | 57.0B | 56.0B | 57.0B | 665 A | 1 190 | 678 | 641 | 461 | 198 | 110B | 101 B | 18 |
| 19 | 72.0B | 57.0B | 55.0B | 57.0B | 990 | 1 020 | 799 | 607 | 459 | 160 | 110B | 100 B | 19 |
| 20 | 71.0B | 57.0B | 55.0B | 58.0B | 1 040 | 1 130 | 1 020 | 591 | 429 | 148 | 110B | 100 B | 20 |
| 21 | 70.0B | 57.0B | 55.0B | 58.0B | 911 | 1 450 | 867 | 581 | 398 | 135 B | 110B | 100 B | 21 |
| 22 | 69.0B | 57.0B | 55.0B | 59.0B | 889 | 1 460 | 729 | 544 | 376 | 123 B | 110B | 99.0B | 22 |
| 23 | 68.0B | 57.0B | 55.0B | 60.0B | 731 | 1 160 | 656 | 515 | 360 | 114 B | 110B | 99.0B | 23 |
| 24 | 67.0B | 57.0B | 55.0B | 60.0B | 691 | 993 | 626 | 502 | 345 | 100 B | 110B | 99.0B | 24 |
| 25 | 66.0B | 57.0B | 55.0B | 61.0B | 680 | 948 | 599 | 497 | 331 | 96.0B | 110B | 98.0B | 25 |
| 26 | 66.0B | 57.0B | 55.0B | 62.0B | 682 | 920 | 573 | 494 | 319 | 96.0B | 110B | 98.0B | 26 |
| 27 | 65.0B | 57.0B | 55.0B | 63.0B | 717 A | 917 | 557 | 480 | 314 | 97.0B | 110B | 97.0B | 27 |
| 28 | 64.0B | 57.0B | 55.0B | 64.0B | 820 E | 931 | 544 | 453 | 308 | 97.0B | 109B | 97.0B | 28 |
| 29 | 64.0B | | 55.0B | 65.0B | 1 000 E | 970 | 534 | 427 | 299 | 100 B | 109B | 96.0B | 29 |
| 30 | 63.0B | | 55.0B | 66.0B | 1 200 E | 1 040 | 532 | 406 | 296 | 102 B | 109B | 96.0B | 30 |
| 31 | 63.0B | | 55.0B | | 1 390 E | | 528 | 390 | | 104 B | | 96.0B | 31 |
| TOTAL | 2 382.0 | 1 638.0 | 1 723.0 | 1 724.0 | 14 724.0 | 37 713 | 23 638 | 19 866 | 11 868 | 6 406.0 | 3 342 | 3 160.0 | TOTAL |
| MEAN | 76.8 | 58.2 | 55.6 | 57.5 | 475 | 1 260 | 763 | 641 | 396 | 207 | 111 | 102 | MEAN |
| MAX | 97.0 | 62.0 | 56.0 | 66.0 | 1 390 | 1 910 | 1 020 | 1 290 | 497 | 338 | 146 | 109 | MAX |
| MIN | 63.0 | 57.0 | 55.0 | 54.0 | 67.0 | 798 | 528 | 390 | 296 | 96.0 | 106 | 96.0 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 351
MAXIMUM DAILY, 1 910 ON JUN 15
MINIMUM DAILY, 54.0B ON APR 2
MAXIMUM INSTANTANEOUS,
1 950 AT 18:47 MST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 10 N
LONG 124 02 10 W
DRAINAGE AREA, 33 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 206 000 | JUL | 2 040 000 |
| FEB | 141 000 | AUG | 1 720 000 |
| MAR | 149 000 | SEP | 1 030 000 |
| APR | 149 000 | OCT | 553 000 |
| MAY | 1 270 000 | NOV | 289 000 |
| JUN | 3 260 000 | DEC | 273 000 |

TOTAL DISCHARGE, 11 100 000 dam³

## SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO. 10ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46.0B | 18.5B | 18.0B | 18.0B | 26.8B | 539 | 800E | 375 | 196 | 172 | 56.0B | 59.0B | 1 |
| 2 | 45.0B | 18.5B | 18.0B | 18.0B | 27.5B | 556 | 800E | 424 | 194 | 184 | 57.0B | 58.0B | 2 |
| 3 | 44.0B | 18.5B | 18.0B | 18.0B | 28.5B | 668 | 770E | 461 | 196 | 214 | 59.0B | 58.0B | 3 |
| 4 | 43.0B | 18.5B | 18.0B | 18.0B | 29.2B | 690 | 710E | 400 | 212 | 211 | 59.0B | 58.0B | 4 |
| 5 | 42.0B | 18.5B | 18.0B | 18.0B | 30.0B | 574 | 638E | 363 | 229 | 198 | 60.0B | 58.0B | 5 |
| 6 | 40.0B | 18.5B | 18.0B | 18.5B | 31.5B | 450 | 567A | 361 | 224 | 190 | 60.0B | 57.0B | 6 |
| 7 | 39.0B | 18.5B | 18.0B | 18.5B | 33.0B | 404 | 544 | 362 | 218 | 181 | 61.0B | 57.0B | 7 |
| 8 | 37.0B | 18.5B | 18.0B | 18.5B | 34.5B | 461 | 533 | 351 | 228 | 174 | 61.0B | 56.0B | 8 |
| 9 | 35.0B | 18.5B | 18.0B | 19.0B | 36.5B | 618 | 535 | 337 | 250 | 166 A | 62.0B | 56.0B | 9 |
| 10 | 34.0B | 18.5B | 18.0B | 19.0B | 39.0B | 759 | 513 | 337 | 280 | 160 | 62.0B | 55.0B | 10 |
| 11 | 32.0B | 18.5B | 18.0B | 19.0B | 44.0B | 981 | 594 | 358 | 290 | 156 A | 62.0B | 55.0B | 11 |
| 12 | 31.0B | 18.5B | 18.0B | 19.5B | 52.0B | 1 270 | 822 | 613 | 282 | 156 A | 62.0B | 55.0B | 12 |
| 13 | 30.0B | 18.5B | 18.0B | 19.5B | 62.0B | 1 540 | 678 | 636 | 266 | 159 A | 62.0B | 54.0B | 13 |
| 14 | 29.0B | 18.5B | 18.0B | 20.0B | 80.0B | 1 690 | 526 | 533 | 250 | 160 A | 62.0B | 54.0B | 14 |
| 15 | 28.0B | 18.5B | 18.0B | 20.0B | 100 B | 1 810 | 464 | 458 | 239 | 162 A | 62.0B | 53.0B | 15 |
| 16 | 26.0B | 18.5B | 18.0B | 20.5B | 125 E | 1 730 | 441 | 402 | 239 | 158 A | 62.0B | 53.0B | 16 |
| 17 | 25.0B | 18.2B | 18.0B | 20.0B | 155 E | 1 320 | 442 | 375 | 263 | 138 A | 62.0B | 53.0B | 17 |
| 18 | 24.0B | 18.0B | 18.0B | 21.0B | 200 E | 937 | 457 | 357 | 288 | 115 A | 61.0B | 52.0B | 18 |
| 19 | 23.5B | 18.0B | 18.0B | 21.5B | 248 A | 814 | 744 | 340 | 276 | 94.3A | 61.0B | 52.0B | 19 |
| 20 | 22.5B | 18.0B | 18.0B | 21.0B | 261 A | 1 090 | 802 | 337 | 250 | 84.0B | 61.0B | 52.0B | 20 |
| 21 | 22.0B | 18.0B | 18.0B | 22.0B | 260 | 1 650 | 589 | 318 | 233 | 74.0B | 61.0B | 51.0B | 21 |
| 22 | 21.5B | 18.0B | 18.0B | 22.3B | 246 | 1 660 | 484 | 294 | 222 | 66.0B | 60.0B | 51.0B | 22 |
| 23 | 21.0B | 18.0B | 18.0B | 22.5B | 229 | 1 010 | 433 | 287 | 213 | 60.0B | 60.0B | 50.0B | 23 |
| 24 | 20.5B | 18.0B | 18.0B | 22.9B | 212 | 900E | 413 | 285 | 202 | 56.0B | 60.0B | 50.0B | 24 |
| 25 | 20.0B | 18.0B | 18.0B | 23.2B | 203 | 820E | 390 | 283 | 193 | 54.0B | 60.0B | 50.0B | 25 |
| 26 | 19.5B | 18.0B | 18.0B | 23.6B | 205 | 810E | 372 | 280 | 190 | 53.0B | 60.0B | 49.0B | 26 |
| 27 | 19.5B | 18.0B | 18.0B | 24.2B | 226 | 790E | 358 | 261 | 186 | 52.0B | 60.0B | 48.0B | 27 |
| 28 | 19.0B | 18.0B | 18.0B | 24.8B | 277 | 780E | 349 | 239 | 179 | 52.0B | 60.0B | 48.0B | 28 |
| 29 | 19.0B | | 18.0B | 25.4B | 355 | 840E | 342 | 222 | 179 | 53.0B | 59.0B | 47.0B | 29 |
| 30 | 19.0B | | 18.0B | 26.2B | 482 | 880E | 343 | 211 | 175 | 54.0B | 59.0B | 46.0B | 30 |
| 31 | 18.5B | | 18.0B | | 544 | | 341 | 203 | | 55.0B | | 46.0B | 31 |
| TOTAL | 895.5 | 512.2 | 558.0 | 629.2 | 4 882.5 | 28 841 | 16 786 | 11 043 | 6 834 | 3 861.3 | 1 813.9 | 1 641.0 | TOTAL |
| MEAN | 28.9 | 18.3 | 18.0 | 20.8 | 158 | 961 | 541 | 356 | 228 | 125 | 60.5 | 52.9 | MEAN |
| MAX | 46.0 | 18.5 | 18.0 | 26.2 | 544 | 1 810 | 822 | 636 | 290 | 214 | 62.0 | 59.0 | MAX |
| MIN | 18.5 | 18.0 | 18.0 | 18.0 | 26.8 | 464 | 341 | 283 | 175 | 53.0 | 56.0 | 46.0 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 215
MAXIMUM DAILY, 1 810 ON JUN 15
MINIMUM DAILY, 18.0B ON FEB 18
MAXIMUM INSTANTANEOUS,
1 840 AT 17:43 MST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 38 00 N
LONG 125 48 00 W
DRAINAGE AREA, 14 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 77 400 | JUL | 1 450 000 |
| FEB | 44 300 | AUG | 954 000 |
| MAR | 48 200 | SEP | 590 000 |
| APR | 53 900 | OCT | 334 000 |
| MAY | 422 000 | NOV | 157 000 |
| JUN | 2 490 000 | DEC | 142 000 |

TOTAL DISCHARGE, 6 760 000 dam³

SYLVIA GRINNELL RIVER NEAR FROBISHER BAY - STATION NO. 10TD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | --- | 117 | 163 | 35.1 | 20.5B | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 110 | 146 | 33.9 | 20.7B | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 102 | 128 | 33.0 | 21.0B | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 93.2 | 104 | 31.8 | 20.0B | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 89.8 | 88.5 | 30.9 | 20.2B | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 87.1 | 79.3 | 29.7 | 19.8B | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 81.2 | 73.3 | 29.4 | 19.2B | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 76.9 | 67.6 | 29.2 | 18.7B | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 73.3 | 63.4 | 29.8 | 18.2B | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 72.5 | 60.2 | 32.6 | 17.8B | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 73.0 | 61.6 | 37.3 | 17.3B | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 73.2 | 60.8 | 40.2 | 16.8B | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 69.5 | 67.0 | 48.6 | 16.4B | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 66.5 | 62.6 | 55.7 | 15.9B | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 63.6 | 58.8 | 50.0 | 15.5B | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 62.6 | 54.5 | 46.9 | 15.1B | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 65.4 | 51.7 | 43.5 | 14.8B | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 110B | 66.6 | 53.8 | 42.5 | 14.4B | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 190B | 84.6 | 59.1 | 39.2 | 14.0B | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 320B | 80.7 | 58.1 | 37.9 | 13.7B | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 290B | 71.0 | 55.0 | 36.0 | 13.4B | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 269B | 64.4 | 52.5 | 30.7 | 12.9B | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 230B | 61.0 | 50.1 | 29.0B | 12.5B | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 200E | 59.2 | 47.2 | 27.5B | 12.3B | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 185E | 56.0 | 44.7 | 26.0B | 11.9B | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 174A | 53.0 | 42.3 | 24.8B | 11.7B | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 160E | 52.7 | 40.9 | 23.3B | 11.3B | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 166A | 53.2 | 38.7 | 23.0B | 11.0B | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | 151 | 51.1 | 37.2 | 21.3B | 10.7B | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | 129 | 64.0 | 36.9 | 20.5B | 10.4B | --- | --- | 30 |
| 31 | --- | | --- | | --- | | 94.8 | 36.3 | | 10.1B | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | 2 289.1 | 2 050.7 | 1 016.3 | 479.0 | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | 73.8 | 66.2 | 33.9 | 15.5 | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | --- | 117 | 163 | 55.7 | 21.0 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | 51.1 | 36.3 | 20.5 | 10.1 | --- | --- | MIN |

SUMMARY FOR THE MONTHS JUN TO SEP

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 320B ON JUN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 45 37 N
LONG 68 35 38 W
DRAINAGE AREA, 3 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 198 000 |
| FEB | --- | AUG | 177 000 |
| MAR | --- | SEP | 87 806 |
| APR | --- | OCT | 41 400 |
| MAY | --- | NOV | --- |
| JUN | --- | DEC | --- |

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.1B | 24.2B | 20.2B | 16.5B | 13.8B | 362E | 154 | 84.2 | 64.3 | 93.9 | 65.9B | 44.8B | 1 |
| 2 | 29.0B | 24.1B | 20.0B | 16.3B | 13.8B | 355E | 152 | 81.8 | 64.9 | 94.5 | 66.3B | 44.3B | 2 |
| 3 | 28.7B | 24.0B | 19.9B | 16.1B | 13.8B | 350E | 149 | 80.2 | 65.0 | 93.1 | 67.9B | 43.8B | 3 |
| 4 | 28.5B | 23.9B | 19.8B | 16.0B | 13.8B | 332E | 147 | 78.4 | 64.2 | 91.5 | 68.3B | 43.3B | 4 |
| 5 | 28.4B | 23.7B | 19.7B | 15.9B | 13.8B | 315E | 142 | 77.0 | 63.8 | 91.6 | 68.9B | 42.8B | 5 |
| 6 | 28.3B | 23.5B | 19.6B | 15.4B | 13.9B | 298E | 138 | 76.2 | 63.5 | 91.3 | 68.9B | 42.5B | 6 |
| 7 | 28.2B | 23.3B | 19.4B | 15.6B | 13.9B | 280E | 135 | 75.7 | 64.2 | 91.2 | 66.8B | 42.0B | 7 |
| 8 | 28.1B | 23.2B | 19.3B | 15.5B | 13.9B | 262E | 132 | 74.3 | 65.7 | 91.3 | 63.6B | 41.5B | 8 |
| 9 | 28.0B | 23.0B | 19.2B | 15.4B | 14.0B | 252E | 129 | 72.9 | 67.1 | 91.5 | 61.4B | 41.1B | 9 |
| 10 | 27.8B | 22.8B | 19.1B | 15.3B | 14.0B | 245E | 126 | 72.0 | 69.3 | 91.4 | 60.1B | 40.7B | 10 |
| 11 | 27.7B | 22.7B | 19.0B | 15.2B | 14.3B | 240E | 122 | 71.2 | 73.2 | 91.3 | 59.1B | 40.3B | 11 |
| 12 | 27.5B | 22.5B | 18.9B | 15.1B | 15.0B | 234E | 120 | 69.4 | 73.2 | 91.0 | 57.9B | 39.8B | 12 |
| 13 | 27.3B | 22.3B | 18.7B | 15.0B | 16.0B | 229E | 117 | 67.7 | 76.1 | 90.5 | 56.7B | 39.4B | 13 |
| 14 | 27.1B | 22.2B | 18.5B | 14.9B | 18.0B | 224A | 114 | 66.7 | 79.3 | 90.4 | 55.5B | 38.9B | 14 |
| 15 | 27.0B | 22.1B | 18.3B | 14.8B | 20.0B | 219 | 112 | 65.9 | 82.4 | 89.3 | 54.3B | 38.5B | 15 |
| 16 | 26.9B | 22.0B | 18.2B | 14.7B | 23.0E | 212 | 108 | 64.5 | 84.6 | 88.2 | 53.2B | 38.1B | 16 |
| 17 | 26.8B | 21.9B | 18.1B | 14.6B | 27.0E | 207 | 105 | 64.3 | 86.7 | 86.6 | 52.1B | 37.7B | 17 |
| 18 | 26.6B | 21.8B | 18.0B | 14.5B | 32.0E | 203 | 103 | 63.2 | 89.8 | 85.7 | 51.5B | 37.4B | 18 |
| 19 | 26.4B | 21.7B | 17.9B | 14.4B | 38.0E | 197 | 102 | 62.5 | 91.4 | 85.2 | 50.8B | 37.0B | 19 |
| 20 | 26.2B | 21.5B | 17.8B | 14.3B | 46.0E | 191 | 103 | 62.9 | 93.2 | 84.4 | 50.2B | 36.6B | 20 |
| 21 | 26.0B | 21.3B | 17.7B | 14.2B | 56.0E | 187 | 103 | 63.6 | 94.7 | 83.8 | 49.7B | 36.2B | 21 |
| 22 | 26.0B | 21.2B | 17.5B | 14.1B | 69.0E | 184 | 101 | 63.8 | 95.1 | 82.7 | 49.3B | 35.8B | 22 |
| 23 | 26.7B | 21.1B | 17.4B | 14.1B | 83.0E | 180 | 99.2 | 64.4 | 95.6 | 81.6 | 48.8B | 35.5B | 23 |
| 24 | 26.6B | 20.9B | 17.3B | 14.0B | 98.0E | 177 | 96.6 | 64.1 | 95.7 | 81.4 | 48.4B | 35.1B | 24 |
| 25 | 25.5B | 20.8B | 17.2B | 14.0B | 120 E | 174 | 94.4 | 63.9 | 96.6 | 80.9 | 47.9B | 34.7B | 25 |
| 26 | 25.3B | 20.6B | 17.1B | 14.0B | 160 E | 170 | 94.1 | 63.5 | 95.8 | 80.6 | 47.4B | 34.3B | 26 |
| 27 | 25.1B | 20.5B | 17.0B | 13.9B | 220 E | 166 | 92.6 | 63.0 | 95.5 | 78.7B | 46.9B | 33.9B | 27 |
| 28 | 24.9B | 20.4B | 16.9B | 13.9B | 300 E | 162 | 91.5 | 63.1 | 95.7 | 78.8B | 46.3B | 33.5B | 28 |
| 29 | 24.7B | | 16.8B | 13.9B | 340 E | 159 | 89.8 | 63.2 | 95.4 | 75.3B | 45.8B | 33.1B | 29 |
| 30 | 24.5B | | 16.7B | 13.9B | 350 E | 156 | 88.3 | 63.3 | 95.1 | 69.5B | 45.3B | 32.7B | 30 |
| 31 | 24.3B | | 16.6B | | 360 E | | 86.1 | 63.7 | | 62.9B | | 32.3B | 31 |
| TOTAL | 834.0 | 623.2 | 567.8 | 445.9 | 2 542.0 | 6 922 | 3 545.6 | 2 130.6 | 2 437.1 | 2 660.1 | 1 676.8 | 1 187.6 | TOTAL |
| MEAN | 26.9 | 22.3 | 18.3 | 14.9 | 82.0 | 231 | 114 | 68.7 | 81.2 | 85.8 | 55.9 | 38.3 | MEAN |
| MAX | 29.1 | 24.2 | 20.2 | 16.5 | 360 | 362 | 154 | 84.2 | 96.6 | 94.5 | 68.9 | 44.8 | MAX |
| MIN | 24.3 | 20.4 | 16.6 | 13.9 | 13.8 | 156 | 86.1 | 62.5 | 63.5 | 62.9 | 45.3 | 32.3 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.1
MAXIMUM DAILY, 362E ON JUN 1
MINIMUM DAILY, 13.8B ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 30 N
LONG 107 40 30 W
DRAINAGE AREA, 12 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 72 100 | JUL | 306 000 |
| FEB | 53 800 | AUG | 184 000 |
| MAR | 49 100 | SEP | 211 000 |
| APR | 38 500 | OCT | 230 000 |
| MAY | 220 000 | NOV | 165 000 |
| JUN | 598 000 | DEC | 103 000 |

TOTAL DISCHARGE, 2 218 000 dam³

## TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07QA001

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 166 | 142 | 121 | 101 | 108 | 231 | 406 | 372 | 270 | 244 | 244 | 239 | 1 |
| 2 | 164 | 141 | 120 | 101 | 106 | 235 | 406 | 368 | 268 | 243 | 244 | 239 | 2 |
| 3 | 164 | 140 | 117 | 99.9 | 109 | 238 | 407 | 364 | 266 | 242 | 244 | 240 | 3 |
| 4 | 164 | 140 | 115 | 99.2 | 111 | 243 | 409 | 362 | 263 | 241 | 245 | 240 | 4 |
| 5 | 163 | 139 | 113 | 98.6 | 115 | 248 | 409 | 359 | 258 | 240 | 246 | 239 | 5 |
| 6 | 162 | 138 | 112 | 98.0 | 121 | 253 | 407 | 356 | 254 | 240 | 246 | 237 | 6 |
| 7 | 161 | 137 | 112 | 97.4 | 127 | 258 | 408 | 353 | 254 | 240 | 245 | 236E | 7 |
| 8 | 159 | 136 | 112 | 96.8 | 132 | 266 | 409 | 349 | 256 | 240 | 244 | 235E | 8 |
| 9 | 158 | 135 | 112 | 96.8 | 137 | 273 | 409 | 345 | 258 | 240 | 243 | 234E | 9 |
| 10 | 158 | 134 | 112 | 94.9 | 139 | 280 | 408 | 341 | 257 | 239 | 243 | 233E | 10 |
| 11 | 157 | 134 | 111 | 91.6 | 142 | 288 | 407 | 338 | 260 | 238 | 243 | 232E | 11 |
| 12 | 156 | 133 | 111 | 89.6 | 147 | 297 | 406 | 336 | 259 | 238 | 242 | 230E | 12 |
| 13 | 155 | 132 | 111 | 89.6 | 152 | 305 | 403 | 332 | 257 | 238 | 242 | 229E | 13 |
| 14 | 156 | 131 | 110 | 91.5 | 156 | 312 | 403 | 328 | 256 | 240 | 243 | 228E | 14 |
| 15 | 156 | 130 | 110 | 93.1 | 161 | 319 | 404 | 325 | 257 | 240 | 242 | 227E | 15 |
| 16 | 155 | 129 | 111 | 94.0 | 165 | 329 | 403 | 321 | 257 | 239 | 240 | 226E | 16 |
| 17 | 155 | 129 | 112 | 94.3 | 169 | 339 | 401 | 318 | 256 | 239 | 240 | 225E | 17 |
| 18 | 154 | 128 | 112 | 93.9 | 172 | 347 | 400 | 316 | 256 | 239 | 240E | 223E | 18 |
| 19 | 153 | 128 | 112 | 92.3 | 178 | 354 | 397 | 314 | 255 | 239 | 240E | 222E | 19 |
| 20 | 152 | 127 | 111 | 89.7 | 185 | 361 | 394 | 311 | 253 | 240 | 240E | 221E | 20 |
| 21 | 151 | 126 | 110 | 89.1 | 190 | 367 | 394 | 308 | 252 | 241 | 240E | 220E | 21 |
| 22 | 150 | 125 | 109 | 90.9 | 196 | 375 | 393 | 305 | 252 | 242 | 240E | 219E | 22 |
| 23 | 149 | 124 | 108 | 92.7 | 201 | 382 | 392 | 300 | 251 | 242 | 240E | 218E | 23 |
| 24 | 148 | 123 | 107 | 93.6 | 204 | 386 | 390 | 297 | 250 | 242 | 239E | 216E | 24 |
| 25 | 147 | 122 | 106 | 94.6 | 206 | 391 | 388 | 294 | 250 | 241 | 239E | 215E | 25 |
| 26 | 147 | 122 | 106 | 96.0 | 211 | 394 | 385 | 290 | 249 | 240 | 239E | 214E | 26 |
| 27 | 146 | 122 | 105 | 97.4 | 217 | 397 | 383 | 286 | 247 | 241 | 239E | 213E | 27 |
| 28 | 145 | 122 | 104 | 98.8 | 221 | 399 | 382 | 283 | 246 | 243 | 239E | 212E | 28 |
| 29 | 144 | | 103 | 100 | 224 | 400 | 380 | 279 | 245 | 244 | 238E | 211E | 29 |
| 30 | 144 | | 102 | 102 | 226 | 404 | 377 | 276 | 245 | 245 | 238E | 209E | 30 |
| 31 | 143 | | 102 | | 228 | | 374 | 272 | | 245 | | 208E | 31 |
| TOTAL | 4 782 | 3 669 | 3 419 | 2 858.3 | 5 152 | 9 669 | 12 332 | 9 998 | 7 657 | 7 465 | 7 247 | 6 990 | TOTAL |
| MEAN | 154 | 131 | 110 | 95.3 | 166 | 322 | 398 | 323 | 255 | 241 | 242 | 225 | MEAN |
| MAX | 166 | 142 | 121 | 102 | 228 | 404 | 409 | 372 | 270 | 245 | 246 | 240 | MAX |
| MIN | 143 | 122 | 102 | 89.1 | 104 | 231 | 374 | 272 | 245 | 238 | 238 | 208 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 223
MAXIMUM DAILY, 409 ON JUL 4
MINIMUM DAILY, 89.1 ON APR 21
MAXIMUM INSTANTANEOUS,
410 AT 01:24 MST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 38 50 N
LONG 111 56 35 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 413 000 | JUL | 1 070 000 |
| FEB | 317 000 | AUG | 864 000 |
| MAR | 295 000 | SEP | 662 000 |
| APR | 247 000 | OCT | 645 000 |
| MAY | 445 000 | NOV | 626 000 |
| JUN | 835 000 | DEC | 604 000 |

TOTAL DISCHARGE, 7 020 000 dam³

## THA-ANNE RIVER BELOW SOUTH HENIK LAKE - STATION NO. 06HD002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.20 B | 0.880B | 0.320B | 0B | 0 B | 5.50B | 315 | 155 | 66.2 | 31.1E | 9.60B | 2.40 B | 1 |
| 2 | 2.15 B | 0.860B | 0.300B | 0B | 0 B | 7.40B | 317 | 147 | 64.9 | 30.2E | 9.20B | 2.20 B | 2 |
| 3 | 2.10 B | 0.840B | 0.280B | 0B | 0 B | 9.00B | 317 | 139 | 62.7 | 29.3E | 8.80B | 2.10 B | 3 |
| 4 | 2.05 B | 0.820B | 0.260B | 0B | 0 B | 11.0 B | 318 | 133 | 62.3 | 28.4E | 8.40B | 2.00 B | 4 |
| 5 | 2.00 B | 0.800B | 0.240B | 0B | 0 B | 14.0 B | 317 | 126 | 65.3 | 27.5E | 8.00B | 1.80 B | 5 |
| 6 | 1.94 B | 0.780B | 0.220B | 0B | 0 B | 17.5 B | 315 | 119 | 65.7 | 26.8E | 7.70B | 1.70 B | 6 |
| 7 | 1.88 B | 0.760B | 0.200B | 0B | 0 B | 20.5 B | 317 | 114 | 65.2 | 26.1E | 7.40B | 1.60 B | 7 |
| 8 | 1.82 B | 0.740B | 0.180B | 0B | 0 B | 23.0 B | 319 | 115 | 65.2A | 25.4E | 7.10B | 1.50 B | 8 |
| 9 | 1.76 B | 0.720B | 0.160B | 0B | 0 B | 26.5 B | 316 | 114 | 63.5E | 24.7E | 6.80B | 1.40 B | 9 |
| 10 | 1.70 B | 0.700B | 0.140B | 0B | 0 B | 31.3 | 313 | 110 | 60.0E | 24.0E | 6.50B | 1.30 B | 10 |
| 11 | 1.64 B | 0.680B | 0.120B | 0B | 0 B | 39.2 | 307 | 107 | 58.3E | 23.4E | 6.20B | 1.22 B | 11 |
| 12 | 1.58 B | 0.660B | 0.100B | 0B | 0 B | 54.3 | 305 | 104 | 56.7E | 22.8E | 6.00B | 1.14 B | 12 |
| 13 | 1.52 B | 0.640B | 0.095B | 0B | 0 B | 72.6 | 303 | 102 | 55.1E | 22.2E | 5.70B | 1.06 B | 13 |
| 14 | 1.46 B | 0.620B | 0.090B | 0B | 0 B | 91.7 | 197 | 101 | 53.5E | 21.6E | 5.40B | 0.980B | 14 |
| 15 | 1.40 B | 0.600B | 0.085B | 0B | 0 B | 111 | 194 | 102 | 52.0E | 21.0E | 5.20B | 0.900B | 15 |
| 16 | 1.36 B | 0.580B | 0.080B | 0B | 0 B | 128 | 191 | 102 | 50.6E | 20.3E | 5.00B | 0.840B | 16 |
| 17 | 1.32 B | 0.560B | 0.075B | 0B | 0 B | 141 | 192 | 102 | 49.2E | 19.6E | 4.80B | 0.780B | 17 |
| 18 | 1.28 B | 0.540B | 0.070B | 0B | 0 B | 153 | 189 | 99.1 | 47.8E | 18.9E | 4.60B | 0.720B | 18 |
| 19 | 1.24 B | 0.520B | 0.065B | 0B | 0 B | 163 | 186 | 95.6 | 46.4E | 18.2E | 4.40B | 0.660B | 19 |
| 20 | 1.20 B | 0.500B | 0.060B | 0B | 0 B | 171 | 183 | 90.9 | 45.0E | 17.5E | 4.30B | 0.600B | 20 |
| 21 | 1.16 B | 0.480B | 0.055B | 0B | 0 B | 179 | 199 | 87.3 | 43.6E | 16.7E | 4.10B | 0.560B | 21 |
| 22 | 1.12 B | 0.460B | 0.050B | 0B | 0 B | 183 | 195 | 88.4 | 42.2E | 15.9E | 3.90B | 0.520B | 22 |
| 23 | 1.08 B | 0.440B | 0.045B | 0B | 0.010B | 191 | 187 | 86.2 | 40.8E | 15.1E | 3.70B | 0.480B | 23 |
| 24 | 1.04 B | 0.420B | 0.040B | 0B | 0.100B | 196 | 179 | 82.3 | 39.4E | 14.3E | 3.50B | 0.440B | 24 |
| 25 | 1.00 B | 0.400B | 0.035B | 0B | 0.500B | 207 | 172 | 78.7 | 38.0E | 13.5E | 3.40B | 0.400B | 25 |
| 26 | 0.990B | 0.380B | 0.030B | 0B | 1.00 B | 208 | 168 | 76.1 | 36.6E | 12.8E | 3.20B | 0.380B | 26 |
| 27 | 0.980B | 0.360B | 0.025B | 0B | 1.30 B | 211 | 167 | 73.7 | 35.4E | 12.2E | 3.00B | 0.360B | 27 |
| 28 | 0.960B | 0.340B | 0.020B | 0B | 1.90 B | 212 | 162 | 71.5 | 34.2E | 11.6E | 2.80B | 0.350B | 28 |
| 29 | 0.940B | | 0.015B | 0B | 2.50 B | 211 | 159 | 68.9 | 33.0E | 11.0E | 2.60B | 0.340B | 29 |
| 30 | 0.920B | | 0.010B | 0B | 3.30 B | 212 | 160 | 66.9 | 33.0E | 10.4E | 2.50B | 0.320B | 30 |
| 31 | 0.900B | | 0.005B | | 4.40 B | | 158 | 66.2 | | 10.0E | | 0.300B | 31 |
| TOTAL | 44.690 | 17.080 | 3.470 | 0 | 15.010 | 3 380.20 | 6 016 | 3 121.9 | 1 529.8 | 622.5 | 163.80 | 31.350 | TOTAL |
| MEAN | 1.44 | 0.610 | 0.112 | 0 | 0.484 | 110 | 194 | 101 | 51.0 | 20.1 | 5.46 | 1.01 | MEAN |
| MAX | 2.20 | 0.880 | 0.320 | 0 | 4.40 | 212 | 319 | 155 | 66.2 | 31.1 | 9.60 | 2.40 | MAX |
| MIN | 0.900 | 0.340 | 0.005 | 0 | 0 | 5.50 | 158 | 66.2 | 33.0 | 10.0 | 2.50 | 0.300 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.7
MAXIMUM DAILY, 219 ON JUL 8
MINIMUM DAILY, 00 ON APR 1
MAXIMUM INSTANTANEOUS,
221 AT 16:30 CST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 00 10 N
LONG 97 00 00 W
DRAINAGE AREA, 7 300 km²
A - ARTIFICIAL CAUSE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 3 080 | JUL | 530 000 |
| FEB | 1 080 | AUG | 370 000 |
| MAR | 300 | SEP | 133 000 |
| APR | 0 | OCT | 53 000 |
| MAY | 1 300 | NOV | 16 200 |
| JUN | 285 000 | DEC | 2 710 |

TOTAL DISCHARGE, 1 280 000 dam³

## THELON RIVER ABOVE BAKER LAKE - STATION NO. 06MA003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 365B | 301B | 233B | 168B | 129B | 200B | 2 840 | 1 380 | 938 | 810 | 650B | 442B | 1 |
| 2 | 363B | 298B | 231B | 166B | 128B | 210B | 2 800 | 1 360 | 927 | 794 | 645B | 440B | 2 |
| 3 | 361B | 295B | 229B | 164B | 127B | 230B | 2 760 | 1 330 | 915 | 805 | 638B | 438B | 3 |
| 4 | 360B | 292B | 227B | 162B | 126B | 250B | 2 700 | 1 310 | 906 | 806 | 628B | 436B | 4 |
| 5 | 358B | 290B | 226B | 160B | 125B | 270B | 2 660 | 1 290 | 904 | 798 | 620B | 434B | 5 |
| 6 | 356B | 288B | 224B | 158B | 124B | 300B | 2 610 | 1 270 | 902 | 792 | 610B | 432B | 6 |
| 7 | 354B | 285B | 222B | 156B | 123B | 330B | 2 540 | 1 240 | 900 | 796 | 600B | 430B | 7 |
| 8 | 352B | 283B | 220B | 154B | 122B | 360B | 2 470 | 1 230 | 897 | 791 | 592B | 427B | 8 |
| 9 | 350B | 280B | 217B | 152B | 121B | 400B | 2 420 | 1 210 | 896 | 792 | 585B | 424B | 9 |
| 10 | 348B | 277B | 214B | 150B | 120B | 450B | 2 350 | 1 190 | 886 | 792 | 578B | 420B | 10 |
| 11 | 346B | 274B | 211B | 149B | 120B | 500B | 2 280 | 1 170 | 859 | 791 | 570B | 417B | 11 |
| 12 | 344B | 272B | 208B | 148B | 120B | 650B | 2 210 | 1 150 | 852 | 799 | 562B | 415B | 12 |
| 13 | 342B | 269B | 205B | 147B | 120B | 800B | 2 140 | 1 120 | 867 | 801 | 555B | 413B | 13 |
| 14 | 340B | 266B | 202B | 146B | 120B | 950B | 2 070 | 1 100 | 864 | 797 | 550B | 411B | 14 |
| 15 | 338B | 264B | 200B | 145B | 120B | 1 080B | 2 020 | 1 090 | 858 | 798 | 540B | 408B | 15 |
| 16 | 336B | 262B | 198B | 144B | 121B | 1 250B | 1 980 | 1 080 | 856 | 798 | 533B | 406B | 16 |
| 17 | 334B | 260B | 196B | 143B | 122B | 1 450B | 1 910 | 1 060 | 849 | 794 | 525B | 404B | 17 |
| 18 | 333B | 258B | 194B | 142B | 123B | 1 600B | 1 850 | 1 050 | 842 | 786 | 520B | 402B | 18 |
| 19 | 332B | 255B | 192B | 141B | 124B | 1 800B | 1 800 | 1 040 | 840 | 780 | 512B | 400B | 19 |
| 20 | 330B | 252B | 190B | 140B | 125B | 1 980B | 1 740 | 1 030 | 835 | 776 | 505B | 398B | 20 |
| 21 | 328B | 250B | 188B | 139B | 130B | 2 110E | 1 720 | 1 010 | 823 | 757 | 498B | 397B | 21 |
| 22 | 326B | 248B | 186B | 138B | 135B | 2 250E | 1 680 | 1 000 | 825 | 750 | 492B | 396B | 22 |
| 23 | 324B | 246B | 184B | 137B | 140B | 2 410E | 1 650 | 1 020 | 828 | 740 | 487B | 395B | 23 |
| 24 | 322B | 244B | 182B | 136B | 145B | 2 540E | 1 610 | 1 020 | 824 | 730 | 480B | 393B | 24 |
| 25 | 320B | 242B | 180B | 135B | 150B | 2 650E | 1 580 | 990 | 818 | 725 | 472B | 391B | 25 |
| 26 | 317B | 239B | 178B | 134B | 155B | 2 730 | 1 550 | 990 | 815 | 720 | 465B | 390B | 26 |
| 27 | 314B | 237B | 176B | 133B | 160B | 2 810 | 1 510 | 981 | 819 | 695B | 460B | 389B | 27 |
| 28 | 312B | 235B | 175B | 132B | 165B | 2 850 | 1 510 | 973 | 820 | 690B | 455B | 388B | 28 |
| 29 | 310B | | 174B | 131B | 170B | 2 870 | 1 480 | 965 | 817 | 680B | 449B | 387B | 29 |
| 30 | 307B | | 172B | 130B | 180B | 2 870 | 1 440 | 957 | 814 | 670B | 445E | 386B | 30 |
| 31 | 304B | | 170B | | 190B | | 1 410 | 949 | | 660B | | 385B | 31 |
| TOTAL | 10 426 | 7 461 | 6 204 | 4 380 | 4 180 | 41 150 | 63 290 | 34 555 | 25 796 | 23 705 | 16 221 | 12 694 | TOTAL |
| MEAN | 336 | 266 | 200 | 146 | 135 | 1 370 | 2 040 | 1 110 | 860 | 765 | 541 | 409 | MEAN |
| MAX | 365 | 301 | 233 | 168 | 190 | 2 870 | 2 840 | 1 380 | 938 | 810 | 650 | 442 | MAX |
| MIN | 304 | 235 | 170 | 130 | 120 | 200 | 1 410 | 949 | 814 | 660 | 445 | 385 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 685
MAXIMUM DAILY, 2 870 ON JUN 29
MINIMUM DAILY, 1200 ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 23 50 N
LONG 96 24 30 W
DRAINAGE AREA, 154 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 901 000 | JUL | 5 470 000 |
| FEB | 645 000 | AUG | 2 990 000 |
| MAR | 536 000 | SEP | 2 230 000 |
| APR | 378 000 | OCT | 2 050 000 |
| MAY | 361 000 | NOV | 1 400 000 |
| JUN | 3 560 000 | DEC | 1 100 000 |

TOTAL DISCHARGE, 21 600 000 dam³

## THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 06JC002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 118 B | 84.7B | 64.0B | 46.6B | 34.6B | 380B | 585E | 333 | 276E | 281E | 148 B | 67.2B | 1 |
| 2 | 116 B | 83.9B | 63.7B | 46.2B | 34.2B | 500B | 540E | 323 | 272E | 274E | 144 B | 65.4B | 2 |
| 3 | 115 B | 83.1B | 63.0B | 45.8B | 33.8B | 1 100B | 535E | 313 | 269E | 270E | 140 B | 63.7B | 3 |
| 4 | 113 B | 82.3B | 62.3B | 45.4B | 33.5B | 1 330 | 530E | 306 | 265E | 265E | 136 B | 62.1B | 4 |
| 5 | 112 B | 81.5B | 61.7B | 45.0B | 33.2B | 1 440 | 525E | 296 | 262E | 260E | 133 B | 60.5B | 5 |
| 6 | 111 B | 80.7B | 61.1B | 44.6B | 33.1B | 1 440 | 518E | 290 | 259E | 255E | 129 B | 59.0B | 6 |
| 7 | 110 B | 79.9B | 60.4B | 44.2B | 33.0B | 1 230 | 510E | 282 | 256E | 252E | 126 B | 57.6B | 7 |
| 8 | 108 B | 79.1B | 59.8B | 43.8B | 32.9B | 1 070 | 502E | 278 | 253E | 250E | 123 B | 56.2B | 8 |
| 9 | 107 B | 78.3B | 59.1B | 43.4B | 32.8B | 873 | 495E | 271 | 250E | 249E | 120 B | 54.8B | 9 |
| 10 | 106 B | 77.5B | 58.5B | 43.0B | 32.7B | 693 | 490E | 262 | 248E | 248E | 117 B | 53.5B | 10 |
| 11 | 105 B | 76.7B | 57.9B | 42.6B | 32.6B | 638A | 480E | 253 | 248E | 247E | 114 B | 52.2B | 11 |
| 12 | 104 B | 75.9B | 57.3B | 42.2B | 32.6B | 600E | 480E | 251 | 248E | 245E | 111 B | 50.9B | 12 |
| 13 | 103 B | 75.1B | 56.7B | 41.8B | 32.6B | 605E | 475E | 248 | 248E | 243E | 108 B | 49.6B | 13 |
| 14 | 102 B | 74.3B | 56.1B | 41.4B | 32.5B | 635E | 470E | 245 | 250E | 238E | 105 B | 48.3B | 14 |
| 15 | 101 B | 73.5B | 55.5B | 41.0B | 32.5B | 671 | 467E | 256 | 255E | 230B | 102 B | 47.0B | 15 |
| 16 | 100 B | 72.9B | 55.0B | 40.6B | 32.4B | 719 | 463E | 277 | 260E | 224B | 99.0B | 45.8B | 16 |
| 17 | 99.0B | 72.3B | 54.5B | 40.2B | 32.3B | 717 | 459E | 292 | 268E | 218B | 96.0B | 44.6B | 17 |
| 18 | 98.0B | 71.7B | 54.0B | 39.8B | 32.2B | 684 | 452A | 306 | 275E | 212B | 93.0B | 43.4B | 18 |
| 19 | 97.0B | 71.1B | 53.5B | 39.4B | 32.1B | 638A | 437 | 307 | 278E | 206B | 91.0B | 42.2B | 19 |
| 20 | 96.0B | 70.5B | 53.0B | 39.0B | 32.0B | 620E | 409 | 303 | 280E | 201B | 89.0B | 41.0B | 20 |
| 21 | 95.0B | 69.0B | 52.5B | 38.6B | 32.0B | 608E | 432 | 294 | 282E | 197B | 87.0B | 40.0B | 21 |
| 22 | 94.0B | 69.1B | 52.0B | 38.2B | 33.3B | 600E | 414 | 290 | 282E | 192B | 85.0B | 39.0B | 22 |
| 23 | 93.0B | 68.4B | 51.5B | 37.8B | 32.5B | 595E | 404 | 281 | 283E | 186B | 83.0B | 38.0B | 23 |
| 24 | 92.0B | 67.7B | 51.0B | 37.4B | 32.7B | 585E | 395 | 281 | 286E | 181B | 81.0B | 37.0B | 24 |
| 25 | 91.0B | 67.0B | 50.5B | 37.0B | 33.0B | 580E | 390 | 273 | 291E | 177B | 79.0B | 36.0B | 25 |
| 26 | 90.0B | 66.3B | 49.9B | 36.6B | 34.0B | 575E | 387 | 282 | 293E | 173B | 77.0B | 35.2B | 26 |
| 27 | 89.1B | 65.7B | 49.3B | 36.2B | 35.0B | 568E | 382 | 281 | 295E | 169B | 75.0B | 34.5B | 27 |
| 28 | 88.2B | 65.0B | 48.7B | 35.8B | 45.0B | 560E | 384 | 282 | 295E | 164B | 73.0B | 33.8B | 28 |
| 29 | 87.3B | | 48.1B | 35.4B | 55.0B | 557E | 374 | 285A | 292E | 160B | 71.0B | 33.2B | 29 |
| 30 | 86.4B | | 47.5B | 35.0B | 100 B | 550E | 354 | 282E | 288E | 156B | 69.0B | 32.6B | 30 |
| 31 | 85.5B | | 47.0B | | 170 B | | 346 | 280E | | 152B | | 32.0B | 31 |
| TOTAL | 3 112.5 | 2 084.0 | 1 715.5 | 1 224.0 | 1 257.1 | 22 261 | 14 052 | 8 803 | 8 108 | 6 774 | 3 184.0 | 1 456.3 | TOTAL |
| MEAN | 100 | 74.4 | 55.3 | 40.8 | 40.6 | 742 | 453 | 284 | 270 | 219 | 103 | 47.0 | MEAN |
| MAX | 118 | 84.7 | 64.0 | 46.6 | 170 | 1 440 | 585 | 333 | 295 | 281 | 148 | 67.2 | MAX |
| MIN | 85.5 | 65.0 | 47.0 | 35.0 | 32.0 | 200 | 346 | 265 | 248 | 152 | 69.0 | 32.0 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 203
MAXIMUM DAILY, 1 440 ON JUN 5
MINIMUM DAILY, 32.0B ON MAY 20
MAXIMUM INSTANTANEOUS
1 510 AT 01:00 CST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 32 10 N
LONG 101 23 50 W
DRAINAGE AREA, 65 300 km²
A - NORMAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 269 000 | JUL | 1 210 000 |
| FEB | 180 000 | AUG | 761 000 |
| MAR | 148 000 | SEP | 701 000 |
| APR | 106 000 | OCT | 585 000 |
| MAY | 109 000 | NOV | 268 000 |
| JUN | 1 920 000 | DEC | 126 000 |

TOTAL DISCHARGE, 6 300 000 dam³

NORTHWEST TERRITORIES

## TSELWIASA RIVER BELOW SEALHOLE LAKE - STATION NO. 06NB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 156B | 134B | 114 B | 97.6B | 83.7B | 129B | 271 | 305 | 261 | 253 | 218 | 175B | 1 |
| 2 | 155B | 133B | 114 B | 97.2B | 83.4B | 135B | 273 | 303 | 260 | 250 | 211 | 174B | 2 |
| 3 | 154B | 132B | 113 B | 96.8B | 83.0B | 141B | 275 | 302 | 260 | 243 | 209 | 173B | 3 |
| 4 | 153B | 131B | 112 B | 96.4B | 82.6B | 148B | 278 | 300 | 258 | 245 | 206B | 172B | 4 |
| 5 | 152B | 130B | 111 B | 96.0B | 82.2B | 154B | 279 | 299 | 258 | 249 | 204B | 171B | 5 |
| 6 | 151B | 129B | 111 B | 95.4B | 81.9B | 160B | 281 | 301 | 259 | 252 | 203B | 170B | 6 |
| 7 | 151B | 128B | 110 B | 94.8B | 81.6B | 167B | 285 | 300 | 261 | 252 | 202B | 169B | 7 |
| 8 | 150B | 128B | 110 B | 94.2B | 81.0B | 173B | 288 | 298 | 262 | 251 | 200B | 169B | 8 |
| 9 | 150B | 127B | 109 B | 93.6B | 80.5B | 178B | 291 | 299 | 260 | 251 | 199B | 168B | 9 |
| 10 | 149B | 127B | 109 B | 93.0B | 80.0B | 184B | 291 | 301 | 255 | 251 | 198B | 167B | 10 |
| 11 | 149B | 126B | 108 B | 92.5B | 79.5B | 191B | 295 | 303 | 257 | 249 | 197B | 166B | 11 |
| 12 | 148B | 125B | 108 B | 92.0B | 79.0B | 196B | 295 | 301 | 255 | 253 | 196B | 165B | 12 |
| 13 | 147B | 124B | 107 B | 91.5B | 79.0B | 203B | 297 | 299 | 259 | 249 | 195B | 164B | 13 |
| 14 | 146B | 123B | 107 B | 91.0B | 78.5B | 210 | 300 | 301 | 261 | 238 | 193B | 163B | 14 |
| 15 | 145B | 123B | 106 B | 90.5B | 78.5B | 213 | 304 | 299 | 266 | 237 | 192B | 162B | 15 |
| 16 | 144B | 122B | 106 B | 90.0B | 78.0B | 216 | 301 | 295 | 263 | 237 | 191B | 161B | 16 |
| 17 | 144B | 122B | 105 B | 89.5B | 78.0B | 221 | 304 | 298 | 263 | 236 | 190B | 160B | 17 |
| 18 | 143B | 121B | 105 B | 89.0B | 78.0B | 228 | 304 | 292 | 267 | 236 | 189B | 159B | 18 |
| 19 | 142B | 120B | 104 B | 88.5B | 78.0B | 230 | 308 | 289 | 265 | 237 | 188B | 158B | 19 |
| 20 | 141B | 120B | 104 B | 88.0B | 78.0B | 233 | 306 | 286 | 262 | 238 | 187B | 157B | 20 |
| 21 | 161B | 119B | 103 B | 87.6B | 78.0B | 237 | 304 | 285 | 261 | 237 | 186B | 156B | 21 |
| 22 | 140B | 118B | 102 B | 87.2B | 78.5B | 241 | 306 | 282 | 259 | 235 | 185B | 155B | 22 |
| 23 | 139B | 118B | 102 B | 86.8B | 80.0B | 245 | 305 | 279 | 253 | 235 | 184B | 155B | 23 |
| 24 | 139B | 117B | 101 B | 86.4B | 83.0B | 248 | 301 | 277 | 256 | 237 | 183B | 154B | 24 |
| 25 | 138B | 117B | 101 B | 86.0B | 86.0B | 250 | 304 | 276 | 254 | 237 | 182B | 153B | 25 |
| 26 | 137B | 116B | 100 B | 85.6B | 90.0B | 255 | 307 | 268 | 247 | 234 | 181B | 152B | 26 |
| 27 | 137B | 116B | 100 B | 85.2B | 96.0B | 259 | 309 | 265 | 249 | 232 | 180B | 151B | 27 |
| 28 | 136B | 115B | 99.5B | 84.8B | 104 B | 261 | 309 | 267 | 248 | 230 | 179B | 151B | 28 |
| 29 | 136B | | 99.0B | 84.4B | 111 B | 266 | 308 | 265 | 249 | 227 | 178B | 150B | 29 |
| 30 | 135B | | 98.5B | 84.0B | 117 B | 269 | 306 | 263 | 251 | 225 | 176B | 149B | 30 |
| 31 | 134B | | 98.0B | | 123 B | | 304 | 262 | | 223 | | 149B | 31 |
| TOTAL | 4 482 | 3 461 | 3 277.0 | 2 715.5 | 2 650.9 | 6 241 | 9 189 | 8 956 | 7 739 | 7 459 | 5 782 | 4 998 | TOTAL |
| MEAN | 145 | 124 | 106 | 90.5 | 85.5 | 208 | 296 | 289 | 258 | 241 | 193 | 161 | MEAN |
| MAX | 156 | 134 | 114 | 97.6 | 123 | 269 | 309 | 305 | 267 | 253 | 218 | 175 | MAX |
| MIN | 134 | 115 | 98.0 | 84.0 | 78.0 | 129 | 271 | 262 | 247 | 223 | 176 | 149 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 183
MAXIMUM DAILY, 309 ON JUL 27
MINIMUM DAILY, 78.0B ON MAY 16
MAXIMUM INSTANTANEOUS, 318 AT 01:00 CST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 46 00 N
LONG 98 47 00 W
DRAINAGE AREA, 36 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 387 000 | JUL | 794 000 |
| FEB | 299 000 | AUG | 774 000 |
| MAR | 283 000 | SEP | 669 000 |
| APR | 235 000 | OCT | 644 000 |
| MAY | 229 000 | NOV | 500 000 |
| JUN | 539 000 | DEC | 432 000 |

TOTAL DISCHARGE, 5 790 000 dam³

## THOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 28.3E | 17.2E | 13.7 | 10.2 | 14.9 | 255 | 102 | 52.4 | 35.5 | 67.9 | 63.0 | 41.7 | 1 |
| 2 | 27.6E | 16.9E | 13.5 | 10.0 | 16.7 | 260 | 98.8 | 51.7 | 35.3 | 68.6 | 62.0 | 41.1 | 2 |
| 3 | 27.0E | 16.6E | 13.4 | 9.92 | 18.9 | 263 | 95.4 | 51.1 | 36.1 | 68.7 | 61.0 | 40.7 | 3 |
| 4 | 27.0E | 16.4 | 13.2 | 9.82 | 21.4 | 264 | 92.7 | 50.6 | 36.3 | 68.7 | 60.0 | 40.1 | 4 |
| 5 | 26.6E | 16.3 | 12.9 | 9.73 | 23.9 | 263 | 89.8 | 50.3 | 36.3 | 69.0 | 58.8 | 39.6 | 5 |
| 6 | 26.1E | 16.0 | 12.8 | 9.65 | 26.8 | 258 | 87.4 | 50.1 | 36.3 | 68.9 | 57.9 | 38.9 | 6 |
| 7 | 25.7E | 15.9 | 12.6 | 9.58 | 30.1 | 252 | 85.3 | 49.9 | 36.8 | 69.0 | 56.9 | 38.4 | 7 |
| 8 | 25.3E | 15.7 | 12.5 | 9.57 | 34.1 | 246 | 83.2 | 49.5 | 37.8 | 69.3 | 55.8 | 38.0 | 8 |
| 9 | 24.9E | 15.6 | 12.4 | 9.56 | 38.7 | 238 | 80.8 | 48.6 | 38.1 | 69.9 | 54.9 | 37.5 | 9 |
| 10 | 24.5E | 15.5 | 12.2 | 9.55 | 43.5 | 229 | 78.0 | 47.7 | 39.0 | 70.6 | 54.5 | 37.0 | 10 |
| 11 | 24.1E | 15.5 | 12.0 | 9.52 | 47.9 | 221 | 75.7 | 47.3 | 40.3 | 70.3 | 53.8 | 36.5 | 11 |
| 12 | 23.7E | 15.3 | 11.9 | 9.51 | 52.3 | 214 | 73.9 | 46.7 | 41.3 | 70.9 | 53.1E | 36.0 | 12 |
| 13 | 23.3E | 15.2 | 11.7 | 9.45 | 56.6 | 207 | 72.4 | 46.1 | 42.2 | 70.8 | 52.4E | 35.7 | 13 |
| 14 | 23.0E | 15.3 | 11.6 | 9.37 | 60.3 | 199 | 71.2 | 45.4 | 43.2 | 71.0 | 51.7E | 35.2 | 14 |
| 15 | 22.6E | 15.3 | 11.6 | 9.33 | 64.6 | 192 | 69.1 | 44.9 | 45.2 | 70.8 | 51.1E | 34.7 | 15 |
| 16 | 22.2E | 15.2 | 11.4 | 9.28 | 70.6 | 185 | 67.1 | 44.4 | 46.9 | 70.5 | 50.5E | 34.2 | 16 |
| 17 | 21.8E | 15.2 | 11.3 | 9.23 | 79.6 | 177 | 65.4 | 43.7 | 48.7 | 70.0 | 49.9E | 33.8 | 17 |
| 18 | 21.5E | 15.3 | 11.3 | 9.23 | 93.1 | 171 | 63.6 | 43.8 | 50.9 | 69.9 | 49.3E | 33.4 | 18 |
| 19 | 21.1E | 15.3 | 11.2 | 9.21 | 111 | 164 | 61.6 | 43.0 | 52.9 | 69.9 | 48.7E | 33.0 | 19 |
| 20 | 20.8E | 15.1 | 11.0 | 9.15 | 132 | 157 | 60.2 | 42.3 | 55.0 | 69.8 | 48.1E | 32.6 | 20 |
| 21 | 20.5E | 15.1 | 11.0 | 9.11 | 155 | 150 | 59.1 | 41.6 | 56.7 | 69.7 | 47.5E | 32.2 | 21 |
| 22 | 20.2E | 15.0 | 10.9 | 9.13 | 181 | 146 | 58.4 | 40.8 | 58.5 | 69.1 | 46.9E | 31.9 | 22 |
| 23 | 19.9E | 14.8 | 10.9 | 9.25 | 205 | 141 | 57.6 | 40.1 | 60.2 | 68.6 | 46.3E | 31.5 | 23 |
| 24 | 19.6E | 14.7 | 10.8 | 9.37 | 226 | 136 | 56.8 | 39.4 | 61.7 | 68.1 | 45.7E | 31.2 | 24 |
| 25 | 19.3E | 14.5 | 10.7 | 9.45 | 240 | 130 | 55.8 | 38.4 | 63.2 | 67.9 | 45.1E | 30.8 | 25 |
| 26 | 19.0E | 14.3 | 10.7 | 9.56 | 289 | 124 | 55.0 | 38.0 | 64.4 | 67.4 | 44.5 | 30.5 | 26 |
| 27 | 18.7E | 14.1 | 10.7 | 9.98 | 252 | 119 | 54.5 | 37.5 | 65.1 | 66.7 | 43.8 | 30.0 | 27 |
| 28 | 18.4E | 13.9 | 10.6 | 10.0 | 253 | 115 | 54.1 | 37.1 | 65.8 | 65.7 | 43.1 | 29.6 | 28 |
| 29 | 18.1E | | 10.5 | 12.0 | 252 | 111 | 53.9 | 36.5 | 66.5 | 64.9 | 42.6 | 29.2 | 29 |
| 30 | 17.8E | | 10.4 | 13.4 | 251 | 106 | 53.5 | 36.1 | 67.1 | 64.4 | 42.2 | 29.0 | 30 |
| 31 | 17.5E | | 10.3 | | 252 | | 52.9 | 35.8 | | 63.7 | | 28.7 | 31 |
| TOTAL | 696.7 | 431.0 | 361.7 | 292.89 | 3 551.0 | 5 693 | 2 194.8 | 1 370.8 | 1 463.3 | 2 130.1 | 1 541.1 | 1 072.7 | TOTAL |
| MEAN | 22.5 | 15.4 | 11.7 | 9.76 | 115 | 190 | 70.5 | 44.2 | 48.8 | 68.7 | 51.4 | 34.6 | MEAN |
| MAX | 28.3 | 17.2 | 13.7 | 13.4 | 253 | 264 | 102 | 52.4 | 67.1 | 71.0 | 63.0 | 41.7 | MAX |
| MIN | 17.5 | 13.9 | 10.3 | 9.11 | 14.9 | 106 | 52.9 | 35.8 | 35.3 | 63.7 | 42.2 | 28.7 | MIN |

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.0
MAXIMUM DAILY, 264 ON JUN 4
MINIMUM DAILY, 9.11 ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 30 00 N
LONG 100 39 00 W
DRAINAGE AREA, 9 630 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 68 200 | JUL | 189 000 |
| FEB | 37 200 | AUG | 118 000 |
| MAR | 31 300 | SEP | 126 000 |
| APR | 25 300 | OCT | 184 000 |
| MAY | 387 000 | NOV | 133 000 |
| JUN | 492 000 | DEC | 92 700 |

TOTAL DISCHARGE, 1 800 000 dam³

## THONOKIED RIVER NEAR THE MOUTH - STATION NO. 07BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 2.10B | 27.8E | 15.9 E | 8.39 | 3.90B | 1.21 B | 0.001B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 1.32B | 27.7E | 15.5 E | 8.32 | 3.90B | 1.10 B | 0.001B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 5.10B | 27.7E | 15.0 E | 8.15 | 3.90B | 0.920B | 0 B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 8.20B | 27.6E | 14.5 E | 8.05 | 3.90B | 0.805B | 0 B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 10.7 E | 27.6E | 13.9 E | 7.78 | 3.86B | 0.704B | 0 B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 13.0 E | 27.3E | 13.6 E | 7.64 | 3.89 | 0.600B | 0 B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 17.9 E | 27.0E | 13.3 E | 7.39 | 3.91 | 0.516B | 0 B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 20.3 E | 26.7E | 13.0 E | 6.66 | 3.97 | 0.444B | 0 B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 23.0 E | 26.1E | 12.5 E | 6.36 | 4.03 | 0.378B | 0 B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0.001B | 25.2 E | 25.5E | 12.1 E | 6.30 | 4.01 | 0.340B | 0 B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0.002B | 27.0 E | 25.1E | 11.9 E | 5.86 | 4.03 | 0.300B | 0 B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0.004B | 28.4 E | 24.9E | 11.5 E | 5.58 | 4.02 | 0.260B | 0 B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0.006B | 29.0 E | 24.5E | 11.3 E | 6.48 | 4.09 | 0.224B | 0 B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0.010B | 29.5 E | 24.0E | 11.0 E | 6.70 | 4.04 | 0.180B | 0 B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0.017B | 29.7 E | 23.8A | 10.6 E | 6.77 | 3.89 | 0.160B | 0 B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0.025B | 29.2 E | 23.3 | 10.3 E | 6.29 | 3.83 | 0.100B | 0 B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0.032B | 29.0 E | 22.6 | 9.90E | 6.27 | 3.67 | 0.081B | 0 B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0.041B | 28.5 E | 22.1 | 9.59A | 6.11 | 3.98B | 0.061B | 0 B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0.052B | 28.4 E | 21.8 | 9.32 | 5.60 | 3.86B | 0.043B | 0 B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0.069B | 28.3 E | 22.2 | 9.15 | 5.08 | 3.42B | 0.033B | 0 B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0.082B | 27.9 E | 22.3 | 9.67 | 4.59 | 3.14B | 0.023B | 0 B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0.102B | 27.6 E | 21.5 | 9.73 | 4.72 | 2.92B | 0.016B | 0 B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0.127B | 27.7 E | 20.4 | 10.1 | 4.46 | 2.72B | 0.011B | 0 B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0.150B | 28.0 E | 19.9A | 10.5 | 4.15 | 2.52B | 0.007B | 0 B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0.173B | 28.3 E | 19.2E | 10.4 | 4.04 | 2.33B | 0.005B | 0 B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0.209B | 28.4 E | 18.7E | 9.96 | 3.89 | 2.12B | 0.004B | 0 B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0.230B | 28.3 E | 18.3E | 9.63 | 3.95 | 1.96B | 0.003B | 0 B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0.287B | 28.2 E | 17.6E | 9.15 | 3.95 | 1.82B | 0.002B | 0 B | 28 |
| 29 | 0B | | 0B | 0B | 0.359B | 28.0 E | 17.1E | 8.72 | 3.92B | 1.64B | 0.001B | 0 B | 29 |
| 30 | 0B | | 0B | 0B | 0.470B | 27.9 E | 16.7E | 8.24 | 3.90B | 1.48B | 0.001B | 0 B | 30 |
| 31 | 0B | | 0B | | 0.940B | | 16.4E | 8.18 | | 1.33B | | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 3.388 | 696.12 | 713.4 | 347.74 | 177.33 | 101.08 | 8.512 | 0.002 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0.109 | 23.2 | 23.0 | 11.2 | 5.91 | 3.26 | 0.284 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0.940 | 29.7 | 27.8 | 15.9 | 8.39 | 4.09 | 1.21 | 0.001 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 2.10 | 16.4 | 8.18 | 3.89 | 1.33 | 0.001 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.61
MAXIMUM DAILY, 29.7E ON JUN 15
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 08 40 N
LONG 108 54 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 61 600 |
| FEB | 0 | AUG | 30 000 |
| MAR | 0 | SEP | 15 300 |
| APR | 0 | OCT | 8 730 |
| MAY | 293 | NOV | 735 |
| JUN | 60 100 | DEC | 0.17 |

TOTAL DISCHARGE, 177 000 dam³

## TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 0.103B | 0.502E | 0.011E | 0.060 | 0.255B | 0.028B | 0.004B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 0.150B | 0.440E | 0.010E | 0.070 | 0.228B | 0.027B | 0.003B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 0.235B | 0.385E | 0.009E | 0.070 | 0.202B | 0.025B | 0.003B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 0.500B | 0.335E | 0.008 | 0.070 | 0.182B | 0.024B | 0.003B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 1.20 B | 0.295E | 0.006 | 0.071 | 0.164B | 0.024B | 0.002B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 2.70 B | 0.266E | 0.007 | 0.071 | 0.150B | 0.023B | 0.002B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 7.50 B | 0.227E | 0.007 | 0.073 | 0.139B | 0.022B | 0.002B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 7.82 E | 0.200E | 0.007 | 0.075 | 0.127B | 0.021B | 0.002B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 8.13 | 0.176E | 0.007 | 0.076 | 0.117B | 0.020B | 0.001B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 5.54 | 0.156E | 0.009 | 0.075 | 0.107B | 0.019B | 0.001B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 4.53 | 0.137E | 0.010 | 0.076 | 0.098B | 0.018B | 0.001B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 4.12 | 0.122E | 0.009 | 0.078 | 0.092B | 0.017B | 0.001B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 4.51 | 0.108E | 0.010 | 0.079 | 0.086B | 0.016B | 0.001B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0 B | 3.86 | 0.095E | 0.011 | 0.078 | 0.081B | 0.014B | 0 B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0 B | 4.69 | 0.084E | 0.011 | 0.079 | 0.076B | 0.013B | 0 B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0 B | 4.31 E | 0.075E | 0.012 | 0.080 | 0.070B | 0.012B | 0 B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0.001B | 4.13 E | 0.065E | 0.013 | 0.080 | 0.066B | 0.012B | 0 B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0.001B | 3.96 A | 0.059E | 0.016 | 0.083 | 0.061B | 0.011B | 0 B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0.002B | 3.33 | 0.052E | 0.020 | 0.085 | 0.057B | 0.010B | 0 B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0.003B | 2.82 | 0.046E | 0.040 | 0.105 | 0.053B | 0.009B | 0 B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0.004B | 2.25 E | 0.040E | 0.057 | 0.165 | 0.050B | 0.009B | 0 B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0.006B | 1.94 E | 0.035E | 0.067 | 0.198 | 0.047B | 0.008B | 0 B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0.008B | 1.65 E | 0.031E | 0.071 | 0.220 | 0.044B | 0.007B | 0 B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0.011B | 1.42 E | 0.028E | 0.076 | 0.297 | 0.041B | 0.007B | 0 B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0.016B | 1.20 E | 0.025E | 0.072 | 0.314 | 0.039B | 0.006B | 0 B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0.022B | 1.03 E | 0.023E | 0.068 | 0.272 | 0.037B | 0.006B | 0 B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0.027B | 0.878E | 0.021E | 0.062 | 0.244 | 0.035B | 0.005B | 0 B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0.033B | 0.762E | 0.019E | 0.063 | 0.244 | 0.033B | 0.005B | 0 B | 28 |
| 29 | 0B | | 0B | 0B | 0.042B | 0.665E | 0.016E | 0.065 | 0.252 | 0.032B | 0.004B | 0 B | 29 |
| 30 | 0B | | 0B | 0B | 0.055B | 0.580E | 0.014E | 0.066 | 0.290B | 0.030B | 0.004B | 0 B | 30 |
| 31 | 0B | | 0B | | 0.072B | | 0.013E | 0.067 | | 0.029B | | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0.383 | 86.313 | 4.090 | 0.965 | 4.039 | 2.825 | 0.426 | 0.026 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0.010 | 2.88 | 0.133 | 0.031 | 0.135 | 0.091 | 0.014 | 0.001 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0.072 | 8.13 | 0.502 | 0.076 | 0.314 | 0.255 | 0.028 | 0.004 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0.103 | 0.013 | 0.006 | 0.060 | 0.029 | 0.004 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.271
MAXIMUM DAILY, 8.13 ON JUN 9
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 04 30 N
LONG 133 29 00 W
DRAINAGE AREA, 62.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 353 |
| FEB | 0 | AUG | 83.4 |
| MAR | 0 | SEP | 349 |
| APR | 0 | OCT | 304 |
| MAY | 26.2 | NOV | 36.8 |
| JUN | 7 460 | DEC | 2.25 |

TOTAL DISCHARGE, 8 550 dam³

## NORTHWEST TERRITORIES

### TREE RIVER NEAR THE MOUTH - STATION NO. 10QA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.600 B | 2.420 B | 1.60 B | 0.790 B | 0.560 B | 0.530 B | 188 | 103 | 99.8 | 61.4 | 38.6 B | 19.4 B | 1 |
| 2 | 3.550 B | 2.400 B | 1.64 B | 0.770 B | 0.550 B | 0.540 B | 121 | 100 | 98.8 | 60.9 | 37.4 B | 19.0 B | 2 |
| 3 | 3.500 B | 2.370 B | 1.60 B | 0.760 B | 0.540 B | 0.560 B | 135 | 97.2 | 97.4 | 60.1 | 36.6 B | 18.6 B | 3 |
| 4 | 3.450 B | 2.350 B | 1.57 B | 0.730 B | 0.520 B | 0.570 B | 145 | 96.0 | 95.8 | 58.9 | 35.6 B | 18.3 B | 4 |
| 5 | 3.400 B | 2.330 B | 1.52 B | 0.710 B | 0.510 B | 0.580 B | 153 | 94.4 | 94.0 | 57.8 | 35.0 B | 17.9 B | 5 |
| 6 | 3.350 B | 2.320 B | 1.49 B | 0.710 B | 0.510 B | 0.600 B | 160 | 87.5 | 92.5 | 56.9 | 34.3 B | 17.6 B | 6 |
| 7 | 3.300 B | 2.300 B | 1.43 B | 0.700 B | 0.510 B | 0.620 B | 162 | 85.0 | 90.3 | 56.5 | 33.9 B | 17.4 B | 7 |
| 8 | 3.250 B | 2.270 B | 1.40 B | 0.700 B | 0.510 B | 0.660 B | 165 | 83.7 | 87.4 | 55.2 | 33.1 B | 17.2 B | 8 |
| 9 | 3.210 B | 2.250 B | 1.38 B | 0.690 B | 0.510 B | 0.700 B | 165 | 82.1 | 84.6 | 55.7 | 32.7 B | 17.0 B | 9 |
| 10 | 3.170 B | 2.240 B | 1.32 B | 0.680 B | 0.500 B | 0.750 B | 165 | 80.2 | 81.9 | 55.1 | 32.0 B | 16.7 B | 10 |
| 11 | 3.130 B | 2.220 B | 1.29 B | 0.670 B | 0.500 B | 0.800 B | 168 | 78.3 | 82.9 | 54.4 | 31.2 B | 16.5 B | 11 |
| 12 | 3.100 B | 2.200 B | 1.26 B | 0.650 B | 0.500 B | 0.900 B | 161 | 78.2 | 82.6 | 53.8 | 30.6 B | 16.3 B | 12 |
| 13 | 3.050 B | 2.180 B | 1.21 B | 0.640 B | 0.500 B | 0.980 B | 159 | 92.4 | 81.6 | 53.3 | 30.1 B | 16.1 B | 13 |
| 14 | 3.000 B | 2.160 B | 1.19 B | 0.630 B | 0.500 B | 1.12 B | 156 | 102 | 80.1 | 52.7 | 29.7 B | 15.8 B | 14 |
| 15 | 2.970 B | 2.150 B | 1.15 B | 0.620 B | 0.500 B | 1.24 B | 153 | 99.3 | 78.4 | 52.3 | 28.8 B | 15.6 B | 15 |
| 16 | 2.920 B | 2.130 B | 1.12 B | 0.610 B | 0.500 B | 1.40 B | 150 | 97.0 | 77.2 | 50.1 | 28.0 B | 15.5 B | 16 |
| 17 | 2.880 B | 2.110 B | 1.09 B | 0.610 B | 0.500 B | 1.64 B | 147 | 95.8 | 75.6 | 49.7 | 27.6 B | 15.3 B | 17 |
| 18 | 2.860 B | 2.090 B | 1.06 B | 0.600 B | 0.500 B | 1.90 B | 145 | 95.4 | 75.0 | 48.8 B | 26.8 B | 15.1 B | 18 |
| 19 | 2.830 B | 2.080 B | 1.03 B | 0.600 B | 0.500 B | 2.12 B | 145 | 95.8 | 73.2 | 48.5 B | 26.1 B | 14.9 B | 19 |
| 20 | 2.810 B | 2.040 B | 1.01 B | 0.590 B | 0.500 B | 2.50 B | 144 | 95.2 | 71.6 | 45.0 B | 25.6 B | 14.7 B | 20 |
| 21 | 2.790 B | 2.020 B | 1.00 B | 0.590 B | 0.500 B | 2.75 E | 140 | 96.8 | 70.9 | 45.3 B | 24.8 B | 14.5 B | 21 |
| 22 | 2.740 B | 2.000 B | 0.980 B | 0.590 B | 0.500 B | 3.10 E | 138 | 98.8 | 70.1 | 45.5 B | 24.0 B | 14.4 B | 22 |
| 23 | 2.700 B | 1.960 B | 0.960 B | 0.590 B | 0.500 B | 8.60 E | 134 | 104 | 69.2 | 45.0 B | 23.2 B | 14.2 B | 23 |
| 24 | 2.650 B | 1.920 B | 0.920 B | 0.590 B | 0.500 B | 19.0 E | 131 | 105 | 68.1 | 44.0 B | 22.8 B | 13.9 B | 24 |
| 25 | 2.610 B | 1.890 B | 0.900 B | 0.590 B | 0.500 B | 28.5 E | 130 | 106 | 66.9 | 43.0 B | 22.2 B | 13.7 B | 25 |
| 26 | 2.590 B | 1.830 B | 0.880 B | 0.590 B | 0.510 B | 50.0 E | 125 | 108 | 66.0 | 42.0 B | 21.8 B | 13.6 B | 26 |
| 27 | 2.550 B | 1.800 B | 0.860 B | 0.590 B | 0.520 B | 68.4 A | 121 | 106 | 65.3 | 42.0 B | 21.2 B | 13.4 B | 27 |
| 28 | 2.520 B | 1.750 B | 0.850 B | 0.590 B | 0.520 B | 72.1 | 119 | 104 | 64.1 | 42.5 B | 20.8 B | 13.3 B | 28 |
| 29 | 2.500 B | | 0.830 B | 0.570 B | 0.520 B | 80.1 | 116 | 103 | 63.5 | 41.5 B | 20.2 B | 13.2 B | 29 |
| 30 | 2.470 B | | 0.810 B | 0.560 B | 0.520 B | 92.4 | 112 | 102 | 62.6 | 40.7 B | 19.8 B | 12.9 B | 30 |
| 31 | 2.440 B | | 0.800 B | | 0.520 B | | 108 | 101 | | 39.9 B | | 12.8 B | 31 |
| TOTAL | 91.90 | 59.76 | 36.220 | 19.300 | 15.830 | 445.660 | 4 375 | 2 966.2 | 2 367.2 | 1 556.3 | 854.3 | 484.8 | TOTAL |
| MEAN | 2.96 | 2.13 | 1.17 | 0.643 | 0.511 | 14.9 | 141 | 95.7 | 78.9 | 50.2 | 28.5 | 15.6 | MEAN |
| MAX | 3.60 | 2.42 | 1.69 | 0.790 | 0.560 | 92.4 | 165 | 108 | 99.8 | 61.4 | 38.6 | 19.4 | MAX |
| MIN | 2.44 | 1.75 | 0.800 | 0.560 | 0.500 | 0.530 | 108 | 78.2 | 62.6 | 39.9 | 19.8 | 12.8 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.6
MAXIMUM DAILY, 165 ON JUL 8
MINIMUM DAILY, 0.500B ON MAY 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 38 10 N
LONG 111 53 30 W
DRAINAGE AREA, 5 960 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 7 940 | JUL | 378 000 |
| FEB | 5 160 | AUG | 256 000 |
| MAR | 3 130 | SEP | 205 000 |
| APR | 1 670 | OCT | 134 000 |
| MAY | 1 370 | NOV | 73 800 |
| JUN | 38 500 | DEC | 41 900 |

TOTAL DISCHARGE, 1 150 000 dam³

### TROUT RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.600 B | 0.440 B | 0.420 B | 0.400 B | 3.00 B | 269 | 87.6 | 28.2 | 35.4 | 31.8 | 3.00 B | 2.35 B | 1 |
| 2 | 0.600 B | 0.440 B | 0.420 B | 0.400 B | 4.00 B | 260 | 81.9 | 26.1 | 34.8 | 30.5 | 3.60 B | 2.30 B | 2 |
| 3 | 0.600 B | 0.440 B | 0.420 B | 0.400 B | 8.00 B | 253 | 75.9 | 25.0 | 35.5 | 27.9 | 3.50 B | 2.30 B | 3 |
| 4 | 0.550 B | 0.440 B | 0.420 B | 0.400 B | 16.0 B | 240 | 74.1 | 23.5 | 31.7 | 30.5 | 3.30 B | 2.25 B | 4 |
| 5 | 0.550 B | 0.440 B | 0.420 B | 0.400 B | 27.0 B | 229 | 72.0 | 25.3 | 32.6 | 28.0 | 3.20 B | 2.25 B | 5 |
| 6 | 0.550 B | 0.440 B | 0.420 B | 0.400 B | 50.1 A | 227 | 71.0 | 25.4 | 34.5 | 28.6 | 3.15 B | 2.20 B | 6 |
| 7 | 0.550 B | 0.440 B | 0.420 B | 0.400 B | 56.0 E | 210 | 68.3 | 24.4 | 33.5 | 27.9 | 3.10 B | 2.20 B | 7 |
| 8 | 0.500 B | 0.440 B | 0.420 B | 0.390 B | 64.0 E | 207 | 65.5 | 23.6 | 34.6 | 27.0 | 3.05 B | 2.15 B | 8 |
| 9 | 0.500 B | 0.440 B | 0.420 B | 0.395 B | 78.0 E | 201 | 62.9 | 23.7 | 32.7 | 28.6 | 3.00 B | 2.10 B | 9 |
| 10 | 0.500 B | 0.440 B | 0.420 B | 0.395 B | 80.6 A | 194 | 58.9 | 23.3 | 29.4 | 28.2 | 3.00 B | 2.10 B | 10 |
| 11 | 0.490 B | 0.430 B | 0.420 B | 0.395 B | 99.4 | 188 | 57.5 | 22.2 | 29.6 | 27.8 | 3.00 B | 2.10 B | 11 |
| 12 | 0.450 B | 0.430 B | 0.420 B | 0.395 B | 99.5 | 182 | 53.4 | 27.2 | 29.4 | 26.3 | 2.90 B | 2.05 B | 12 |
| 13 | 0.450 B | 0.430 B | 0.420 B | 0.395 B | 105 | 173 | 52.6 | 23.3 | 29.6 | 27.3 | 2.90 B | 2.05 B | 13 |
| 14 | 0.450 B | 0.430 B | 0.420 B | 0.400 B | 110 | 166 | 51.0 | 19.6 | 30.9 | 26.8 | 2.85 B | 2.00 B | 14 |
| 15 | 0.450 B | 0.430 B | 0.420 B | 0.400 B | 140 | 165 | 47.2 | 19.4 | 33.1 | 23.7 | 2.80 B | 1.99 B | 15 |
| 16 | 0.450 B | 0.430 B | 0.420 B | 0.400 B | 194 | 162 | 46.2 | 21.3 | 29.8 | 22.8 B | 2.80 B | 1.95 B | 16 |
| 17 | 0.450 B | 0.430 B | 0.420 B | 0.400 B | 254 | 159 | 45.9 | 22.9 | 30.4 | 18.0 B | 2.75 B | 1.95 B | 17 |
| 18 | 0.450 B | 0.430 B | 0.420 B | 0.400 B | 324 | 152 | 45.3 | 24.2 | 29.6 | 17.8 B | 2.70 B | 1.95 B | 18 |
| 19 | 0.450 B | 0.430 B | 0.419 B | 0.410 B | 402 A | 145 | 40.3 | 29.8 | 29.2 | 18.8 B | 2.70 B | 1.95 B | 19 |
| 20 | 0.450 B | 0.430 B | 0.419 B | 0.450 B | 522 E | 139 | 35.3 | 32.6 | 29.1 | 20.5 B | 2.65 B | 1.95 B | 20 |
| 21 | 0.450 B | 0.430 B | 0.419 B | 0.500 B | 478 E | 134 | 35.5 | 43.4 | 28.8 | 20.4 B | 2.65 B | 1.95 B | 21 |
| 22 | 0.450 B | 0.430 B | 0.419 B | 0.550 B | 427 E | 126 | 36.8 | 46.7 | 26.6 | 21.9 B | 2.60 B | 1.95 B | 22 |
| 23 | 0.450 B | 0.430 B | 0.419 B | 0.550 B | 402 E | 117 | 36.2 | 44.5 | 26.8 | 20.8 B | 2.55 B | 1.95 B | 23 |
| 24 | 0.450 B | 0.430 B | 0.419 B | 0.600 B | 380 E | 114 | 33.3 | 41.4 | 26.7 | 18.7 B | 2.55 B | 1.95 B | 24 |
| 25 | 0.450 B | 0.430 B | 0.419 B | 0.700 B | 359 A | 112 | 34.1 | 40.2 | 26.0 | 12.0 B | 2.50 B | 1.90 B | 25 |
| 26 | 0.450 B | 0.420 B | 0.400 B | 0.800 B | 340 | 108 | 33.8 | 38.0 | 22.8 | 9.00 B | 2.50 B | 1.90 B | 26 |
| 27 | 0.450 B | 0.420 B | 0.400 B | 0.950 B | 325 | 104 | 33.8 | 37.4 | 25.6 | 7.00 B | 2.45 B | 1.90 B | 27 |
| 28 | 0.450 B | 0.420 B | 0.400 B | 1.10 B | 311 | 99.4 | 28.9 | 36.3 | 25.2 | 6.00 B | 2.45 B | 1.90 B | 28 |
| 29 | 0.450 B | | 0.400 B | 1.40 B | 298 | 95.6 | 29.7 | 35.5 | 25.4 | 5.00 B | 2.40 B | 1.90 B | 29 |
| 30 | 0.450 B | | 0.400 B | 2.00 B | 287 | 92.1 | 29.8 | 36.4 | 28.3 | 4.50 B | 2.35 B | 1.90 B | 30 |
| 31 | 0.450 B | | 0.400 B | | 279 | | 28.6 | 36.1 | | 4.10 B | | 1.90 B | 31 |
| TOTAL | 14.990 | 12.110 | 12.830 | 17.183 | 6 523.00 | 5 031.1 | 1 551.4 | 923.9 | 897.8 | 646.20 | 85.75 | 63.20 | TOTAL |
| MEAN | 0.484 | 0.433 | 0.414 | 0.573 | 210 | 168 | 50.0 | 29.8 | 29.9 | 20.8 | 2.86 | 2.04 | MEAN |
| MAX | 0.600 | 0.440 | 0.420 | 2.00 | 532 | 269 | 87.6 | 46.7 | 35.5 | 31.8 | 3.60 | 2.35 | MAX |
| MIN | 0.450 | 0.420 | 0.400 | 0.395 | 3.00 | 92.1 | 28.6 | 19.4 | 22.0 | 4.10 | 2.35 | 1.90 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.2
MAXIMUM DAILY, 532B ON MAY 20
MINIMUM DAILY, 0.395B ON APR 9
MAXIMUM INSTANTANEOUS,
5540 ON MAY 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 00 00 N
LONG 119 49 30 W
DRAINAGE AREA, 9 090 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 300 | JUL | 138 000 |
| FEB | 1 050 | AUG | 79 000 |
| MAR | 1 110 | SEP | 77 600 |
| APR | 1 480 | OCT | 55 000 |
| MAY | 560 000 | NOV | 7 410 |
| JUN | 435 000 | DEC | 5 460 |

TOTAL DISCHARGE, 1 360 000 dam³

## TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.590B | 0.250B | 0.130B | 0.130B | 0.135B | 11.6 | 11.8 | 6.82 | 2.45 | 2.98 | 0.850B | 0.400B | 1 |
| 2 | 0.580B | 0.240B | 0.120B | 0.120B | 0.145B | 12.8 | 11.9 | 7.30 | 2.43 | 2.22 | 0.800B | 0.390B | 2 |
| 3 | 0.570B | 0.240B | 0.120B | 0.120B | 0.150B | 12.7 | 13.3 | 7.05 | 2.39 | 1.87 | 0.750B | 0.390B | 3 |
| 4 | 0.560B | 0.230B | 0.120B | 0.120B | 0.160B | 9.85 | 11.2 | 5.92 | 2.36 | 1.73 | 0.700B | 0.380B | 4 |
| 5 | 0.550B | 0.230B | 0.120B | 0.120B | 0.170B | 7.88 | 9.94 | 5.30 | 2.47 | 1.72 | 0.660B | 0.380B | 5 |
| 6 | 0.540B | 0.220B | 0.120B | 0.115B | 0.180B | 9.31 | 9.06 | 6.66 | 2.50 | 1.64 | 0.600B | 0.380B | 6 |
| 7 | 0.520B | 0.220B | 0.120B | 0.115B | 0.190B | 13.6 | 8.72 | 5.83 | 3.30 | 1.56 | 0.570B | 0.370B | 7 |
| 8 | 0.510B | 0.210B | 0.120B | 0.115B | 0.200B | 15.8 | 8.64 | 5.25 | 3.55 | 1.50 | 0.540B | 0.370B | 8 |
| 9 | 0.500B | 0.200B | 0.120B | 0.115B | 0.210B | 19.5 | 7.96 | 4.90 | 4.28 | 1.49 | 0.520B | 0.370B | 9 |
| 10 | 0.480B | 0.200B | 0.120B | 0.115B | 0.220B | 22.0 | 9.86 | 4.44 | 3.88 | 1.47 | 0.500B | 0.360B | 10 |
| 11 | 0.470B | 0.190B | 0.120B | 0.115B | 0.225B | 25.0 | 18.9 | 5.89 | 3.46 | 1.47 | 0.500B | 0.360B | 11 |
| 12 | 0.460B | 0.180B | 0.120B | 0.115B | 0.240B | 27.4 | 10.7 | 6.98 | 3.10 | 1.68 | 0.490B | 0.360B | 12 |
| 13 | 0.440B | 0.180B | 0.120B | 0.115B | 0.250B | 25.6 | 8.43 | 7.40 | 2.97 | 1.60 B | 0.490B | 0.350B | 13 |
| 14 | 0.430B | 0.170B | 0.120B | 0.115B | 0.260B | 25.7 | 7.49 | 6.19 | 2.94 | 1.55 B | 0.480B | 0.350B | 14 |
| 15 | 0.420B | 0.160B | 0.120B | 0.115B | 0.270B | 23.3 | 7.27 | 5.54 | 2.88 | 1.55 B | 0.480B | 0.350B | 15 |
| 16 | 0.410B | 0.160B | 0.120B | 0.115B | 0.290B | 17.6 | 7.20 | 5.07 | 2.97 | 1.52 B | 0.470B | 0.340B | 16 |
| 17 | 0.400B | 0.150B | 0.120B | 0.115B | 0.315B | 13.5 | 7.19 | 4.85 | 2.62 | 1.50 B | 0.460B | 0.340B | 17 |
| 18 | 0.390B | 0.150B | 0.120B | 0.115B | 0.340B | 13.9 | 12.9 | 6.09 | 2.70 | 1.50 B | 0.460B | 0.340B | 18 |
| 19 | 0.370B | 0.140B | 0.120B | 0.115B | 0.380B | 17.9 | 9.10 | 5.04 | 2.43 | 1.49 B | 0.450B | 0.330B | 19 |
| 20 | 0.360B | 0.140B | 0.120B | 0.115B | 0.447B | 23.8 | 7.05 | 4.54 | 2.33 | 1.48 B | 0.450B | 0.330B | 20 |
| 21 | 0.350B | 0.140B | 0.120B | 0.115B | 0.500B | 17.2 | 6.31 | 4.33 | 2.23 | 1.45 B | 0.440B | 0.330B | 21 |
| 22 | 0.340B | 0.140B | 0.120B | 0.114B | 0.580B | 13.7 | 5.95 | 4.13 | 2.06 | 1.45 B | 0.440B | 0.330B | 22 |
| 23 | 0.330B | 0.130B | 0.120B | 0.115B | 0.660B | 13.6 | 5.67 | 3.93 | 1.93 | 1.43 B | 0.430B | 0.320B | 23 |
| 24 | 0.320B | 0.130B | 0.120B | 0.115B | 1.00 B | 12.2 | 5.09 | 4.15 | 2.07 | 1.42 B | 0.430B | 0.320B | 24 |
| 25 | 0.310B | 0.130B | 0.120B | 0.115B | 1.40 B | 12.2 | 5.02 | 3.65 | 2.01 | 1.40 B | 0.420B | 0.320B | 25 |
| 26 | 0.300B | 0.120B | 0.120B | 0.118B | 2.00 B | 12.7 | 5.51 | 3.18 | 1.90 | 1.35 B | 0.420B | 0.310B | 26 |
| 27 | 0.290B | 0.120B | 0.120B | 0.120B | 4.00 B | 13.6 | 5.18 | 2.92 | 1.93 | 1.30 B | 0.410B | 0.310B | 27 |
| 28 | 0.280B | 0.120B | 0.120B | 0.122B | 7.12 | 14.0 | 4.64 | 2.70 | 1.84 | 1.20 B | 0.410B | 0.310B | 28 |
| 29 | 0.270B | | 0.120B | 0.125B | 11.6 | 14.3 | 4.46 | 2.68 | 1.80 | 1.10 B | 0.400B | 0.300B | 29 |
| 30 | 0.260B | | 0.120B | 0.130B | 11.7 | 12.2 | 4.35 | 2.60 | 2.18 | 1.00 B | 0.400B | 0.300B | 30 |
| 31 | 0.260B | | 0.120B | | 9.61 | | 4.63 | 2.45 | | 0.940B | | 0.300B | 31 |
| TOTAL | 12.860 | 4.890 | 3.720 | 3.514 | 54.947 | 483.24 | 252.02 | 155.19 | 77.96 | 47.310 | 15.420 | 10.690 | TOTAL |
| MEAN | 0.415 | 0.175 | 0.120 | 0.117 | 1.77 | 16.1 | 8.13 | 5.01 | 2.60 | 1.53 | 0.514 | 0.345 | MEAN |
| MAX | 0.590 | 0.250 | 0.120 | 0.130 | 11.7 | 27.4 | 14.9 | 8.39 | 4.28 | 2.98 | 0.850 | 0.400 | MAX |
| MIN | 0.260 | 0.120 | 0.120 | 0.114 | 0.135 | 7.88 | 4.35 | 2.45 | 1.80 | 0.940 | 0.400 | 0.300 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.07
MAXIMUM DAILY, 27.4 ON JUN 12
MINIMUM DAILY, 0.114B ON APR 22
MAXIMUM INSTANTANEOUS,
32.3 AT 22:25 MST ON JUN 11

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 18 10 N
LONG 129 47 30 W
DRAINAGE AREA, 222 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 110 | JUL | 21 800 |
| FEB | 422 | AUG | 13 400 |
| MAR | 321 | SEP | 6 740 |
| APR | 304 | OCT | 4 090 |
| MAY | 6 750 | NOV | 1 330 |
| JUN | 41 800 | DEC | 924 |

TOTAL DISCHARGE, 97 000 dam³

## TULUGAK RIVER ON BROUGHTON ISLAND - STATION NO. 10TE004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | --- | --- | --- | 0 B | 0.757 | 0.032 | 0.034 | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 0 B | 0.726 | 0.031 | 0.030 | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 0 B | 0.749 | 0.031 | 0.028 | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 0 B | 0.582 | 0.030 | 0.025 | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 0 B | 0.440 | 0.030 | 0.024 | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 0 B | 0.259 | 0.032 | 0.022 | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 0 B | 0.296 | 0.032 | 0.021 | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 0 B | 0.267 | 0.031 | 0.020 | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 0 B | 0.168 | 0.032 | 0.018 | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 0 B | 0.196 | 0.032 | 0.016 | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 0 B | 0.197 | 1.09 | 0.014 | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 0 B | 0.121 | 0.684 | 0.013 | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 0.002B | 0.093 | 0.502 | 0.013 | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 0.450B | 0.053 | 0.346 | 0.011 | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 0.759B | 0.044 | 0.226 | 0.006A | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 0.949B | 0.036 | 0.180 | 0.005E | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 1.30 B | 0.034 | 0.147 | 0.004E | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 1.80 B | 0.032 | 0.156 | 0.003E | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 2.20 B | 0.031 | 0.124 | 0.003E | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 3.20 E | 0.030 | 0.104 | 0.002B | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 4.39 E | 0.029 | 0.106 | 0.001B | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 5.69 E | 0.027 | 0.105 | 0.001B | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 6.60 A | 0.024 | 0.080 | 0.001B | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 5.82 | 0.023 | 0.065 | 0 B | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 6.08 | 0.023 | 0.060 | 0 B | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 6.18 | 0.024 | 0.064 | 0 B | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 5.60 | 0.027 | 0.062 | 0 B | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 3.82 | 0.042 | 0.061 | 0 B | --- | --- | --- | 28 |
| 29 | --- | | --- | --- | --- | 3.51 | 0.040 | 0.055 | 0 B | --- | --- | --- | 29 |
| 30 | --- | | --- | --- | --- | 1.96 | 0.038 | 0.046 | 0 B | --- | --- | --- | 30 |
| 31 | --- | | --- | | --- | | 0.034 | 0.038 | | --- | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | 60.310 | 5.442 | 4.614 | 0.315 | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | 2.01 | 0.176 | 0.149 | 0.011 | --- | --- | --- | MEAN |
| MAX | --- | --- | --- | --- | --- | 6.60 | 0.757 | 1.09 | 0.034 | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 0 | 0.023 | 0.030 | 0 | --- | --- | --- | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.579
MAXIMUM DAILY, 6.60A ON JUN 23
MINIMUM DAILY, 0B ON JUN 1
MAXIMUM INSTANTANEOUS,
8.51 AT 17:47 CDT ON JUN 26

SUMMARY FOR THE MONTHS JUN TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 33 00 N
LONG 63 55 00 W
DRAINAGE AREA, 30.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | --- | JUL | 470 |
| FEB | --- | AUG | 399 |
| MAR | --- | SEP | 27.2 |
| APR | --- | OCT | --- |
| MAY | --- | NOV | --- |
| JUN | 5 210 | DEC | --- |

TOTAL DISCHARGE, 6 110 dam³

NORTHWEST TERRITORIES

TWITYA RIVER NEAR THE MOUTH - STATION NO. 10HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.80B | 5.80B | 4.90B | 4.80B | 5.80B | 203A | 147 | 237 | 69.8 | 49.6 | 14.0B | 14.5B | 1 |
| 2 | 9.60B | 5.80B | 4.80B | 4.80B | 6.00B | 227 | 148 | 233 | 67.0 | 47.5 | 14.0B | 14.5B | 2 |
| 3 | 9.40B | 5.70B | 4.80B | 4.80B | 6.20B | 215 | 143 | 202 | 67.2 | 45.2 | 14.0B | 14.5B | 3 |
| 4 | 9.30B | 5.70B | 4.80B | 4.80B | 6.40B | 212 | 134 | 170 | 66.9 | 43.5 | 14.5B | 14.3B | 4 |
| 5 | 9.00B | 5.60B | 4.80B | 4.80B | 6.60B | 153 | 123 | 150 | 66.8 | 41.4 | 14.5B | 14.0B | 5 |
| 6 | 8.90B | 5.60B | 4.80B | 4.80B | 7.00B | 142 | 113 | 149 | 66.1 | 41.9 | 14.5B | 14.0B | 6 |
| 7 | 8.80B | 5.50B | 4.80B | 4.80B | 7.50B | 179 | 108 | 148 | 66.7 | 42.0 | 15.0B | 14.0B | 7 |
| 8 | 8.60B | 5.50B | 4.80B | 4.80B | 8.00B | 209 | 110 | 134 | 75.2 | 41.7 | 15.0B | 14.0B | 8 |
| 9 | 8.50B | 5.40B | 4.80B | 4.80B | 9.00B | 231 | 118 | 120 | 74.8 | 41.2 | 15.0B | 13.8B | 9 |
| 10 | 8.40B | 5.40B | 4.80B | 4.80B | 10.0 B | 221 | 141 | 111 | 74.6 | 41.1 | 15.0B | 13.5B | 10 |
| 11 | 8.20B | 5.40B | 4.80B | 4.80B | 12.5 B | 289A | 127 | 116 | 71.9 | 41.4 | 15.5B | 13.5B | 11 |
| 12 | 8.00B | 5.30B | 4.70B | 4.80B | 16.0 B | 350 | 164 | 182 | 68.8 | 41.3 | 15.5B | 13.5B | 12 |
| 13 | 7.90B | 5.30B | 4.70B | 4.90B | 20.0 B | 337 | 146 | 191 | 66.0 | 41.6 | 15.5B | 13.5B | 13 |
| 14 | 7.80B | 5.20B | 4.70B | 4.90B | 26.0 B | 314 | 122 | 161 | 63.6 | 41.6 | 15.5B | 13.5B | 14 |
| 15 | 7.70B | 5.20B | 4.70B | 4.90B | 33.0 B | 333 | 110 | 143 | 62.1 | 39.9 | 15.5B | 13.5B | 15 |
| 16 | 7.60B | 5.20B | 4.70B | 4.90B | 42.0 E | 244 | 109 | 130 | 61.0 | 36.5B | 15.5B | 13.0B | 16 |
| 17 | 7.40B | 5.20B | 4.70B | 4.90B | 54.0 E | 215 | 122 | 117 | 60.3 | 35.5B | 15.5B | 13.0B | 17 |
| 18 | 7.30B | 5.20B | 4.70B | 5.00B | 68.0 E | 191 | 221 | 152 | 58.2 | 35.0B | 15.5B | 13.0B | 18 |
| 19 | 7.20B | 5.10B | 4.70B | 5.00B | 86.0 E | 205 | 183 | 183 | 56.4 | 34.0B | 15.5B | 13.0B | 19 |
| 20 | 7.00B | 5.10B | 4.70B | 5.00B | 106 A | 309 | 144 | 156 | 55.4 | 32.0B | 15.5B | 13.0B | 20 |
| 21 | 6.90B | 5.10B | 4.70B | 5.00B | 101 | 248 | 126 | 140 | 54.8 | 29.0B | 15.0B | 13.0B | 21 |
| 22 | 6.80B | 5.00B | 4.70B | 5.05B | 91.6 | 205 | 113 | 133 | 53.6 | 26.0B | 15.0B | 12.5B | 22 |
| 23 | 6.70B | 5.00B | 4.70B | 5.10B | 85.6 | 201 | 106 | 124 | 52.1 | 23.0B | 15.0B | 12.5B | 23 |
| 24 | 6.60B | 5.00B | 4.70B | 5.10B | 94.4 | 174 | 98.6 | 115 | 53.5 | 20.0B | 15.0B | 12.5B | 24 |
| 25 | 6.40B | 5.00B | 4.70B | 5.20B | 98.5 | 164 | 93.5 | 105 | 52.9 | 18.0B | 15.0B | 12.5B | 25 |
| 26 | 6.30B | 5.00B | 4.70B | 5.20B | 114 | 158 | 122 | 96.8 | 50.6 | 16.5B | 15.0B | 12.5B | 26 |
| 27 | 6.20B | 5.00B | 4.80B | 5.30B | 142 | 159 | 164 | 89.6 | 50.0 | 15.5B | 14.8B | 12.5B | 27 |
| 28 | 6.10B | 4.90B | 4.80B | 5.40B | 168 | 169 | 131 | 83.3 | 49.6 | 14.7B | 14.8B | 12.5B | 28 |
| 29 | 6.00B | | 4.80B | 5.50B | 225 | 177 | 113 | 79.1 | 48.8 | 14.4B | 14.8B | 12.0B | 29 |
| 30 | 6.00B | | 4.80B | 5.70B | 228 | 159 | 112 | 75.4 | 49.1 | 14.0B | 14.7B | 12.0B | 30 |
| 31 | 5.90B | | 4.80B | | 197 A | | 128 | 72.2 | | 14.0B | | 12.0B | 31 |
| TOTAL | 236.30 | 148.20 | 147.40 | 149.65 | 2 081.10 | 6 593 | 4 040.1 | 4 298.4 | 1 833.8 | 1 019.0 | 449.6 | 410.1 | TOTAL |
| MEAN | 7.62 | 5.29 | 4.75 | 4.99 | 67.1 | 220 | 130 | 139 | 61.1 | 32.9 | 15.0 | 13.2 | MEAN |
| MAX | 9.80 | 5.80 | 4.90 | 5.70 | 228 | 350 | 221 | 237 | 75.2 | 49.6 | 15.5 | 14.5 | MAX |
| MIN | 5.90 | 4.90 | 4.70 | 4.80 | 5.80 | 142 | 93.5 | 72.2 | 48.8 | 14.0 | 14.0 | 12.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.6
MAXIMUM DAILY, 350 ON JUN 12
MINIMUM DAILY, 4.70B ON MAR 12
MAXIMUM INSTANTANEOUS,
377 AT 06:16 MST ON JUN 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 09 10 N
LONG 128 18 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 20 400 | JUL | 349 000 |
| FEB | 12 800 | AUG | 371 000 |
| MAR | 12 700 | SEP | 158 000 |
| APR | 12 900 | OCT | 88 000 |
| MAY | 180 000 | NOV | 38 800 |
| JUN | 570 000 | DEC | 35 400 |

TOTAL DISCHARGE, 1 850 000 dam³

UNNAMED TRIBUTARY TO WILLOWLAKE RIVER - STATION NO. 10GB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0 B | 0.240B | 3.57 | 0.311 | 0.207 | 0.597 | 1.91 | 0.140B | 0.040B | 1 |
| 2 | 0B | 0B | 0B | 0 B | 0.290B | 3.83 | 0.271 | 0.304 | 1.14 | 1.65 | 0.140B | 0.030B | 2 |
| 3 | 0B | 0B | 0B | 0 B | 0.371B | 3.65 | 0.222 | 0.317 | 2.96 | 1.35 | 0.130B | 0.030B | 3 |
| 4 | 0B | 0B | 0B | 0 B | 0.520B | 8.61 | 0.196 | 0.289 | 3.15 | 1.07 | 0.130B | 0.030B | 4 |
| 5 | 0B | 0B | 0B | 0 B | 0.760B | 18.1 | 0.168 | 0.269 | 2.63 | 0.862 | 0.120B | 0.030B | 5 |
| 6 | 0B | 0B | 0B | 0 B | 1.05 B | 16.3 | 0.146 | 0.255 | 2.04 | 0.790 | 0.110B | 0.027B | 6 |
| 7 | 0B | 0B | 0B | 0 B | 1.45 B | 11.7 | 0.131 | 0.222 | 2.11 | 0.691 | 0.110B | 0.025B | 7 |
| 8 | 0B | 0B | 0B | 0 B | 2.08 B | 8.06 | 0.120 | 0.186 | 24.0 | 0.634 | 0.110B | 0.020B | 8 |
| 9 | 0B | 0B | 0B | 0 B | 2.89 B | 5.91 | 0.100 | 0.151 | 27.6 | 0.582 | 0.110B | 0.020B | 9 |
| 10 | 0B | 0B | 0B | 0 B | 3.66 B | 4.62 | 0.104 | 0.121 | 22.4 | 0.567 | 0.090B | 0.020B | 10 |
| 11 | 0B | 0B | 0B | 0 B | 5.10 B | 3.84 | 0.131 | 4.85 | 17.3 | 0.535 | 0.090B | 0.020B | 11 |
| 12 | 0B | 0B | 0B | 0 B | 7.37 B | 3.20 | 0.127 | 15.0 | 12.8 | 0.529 | 0.090B | 0.015B | 12 |
| 13 | 0B | 0B | 0B | 0 B | 5.47 | 2.57 | 0.122 | 26.2 | 8.33 | 0.515 | 0.080B | 0.015B | 13 |
| 14 | 0B | 0B | 0B | 0 B | 8.69 | 2.04 | 0.129 | 21.5 | 6.02 | 0.495 | 0.080B | 0.010B | 14 |
| 15 | 0B | 0B | 0B | 0 B | 18.5 | 1.93 | 0.180 | 14.0 | 5.20 | 0.419 | 0.070B | 0.010B | 15 |
| 16 | 0B | 0B | 0B | 0 B | 34.0 | 2.60 | 0.204 | 8.81 | 3.97 | 0.441 | 0.070B | 0.010B | 16 |
| 17 | 0B | 0B | 0B | 0 B | 48.9 | 3.55 | 0.202 | 5.63 | 3.01 | 0.400B | 0.070B | 0.005B | 17 |
| 18 | 0B | 0B | 0B | 0 B | 59.4 | 3.37 | 0.246 | 10.6 | 1.96 | 0.360B | 0.070B | 0.005B | 18 |
| 19 | 0B | 0B | 0B | 0 B | 64.4 | 2.74 | 0.372 | 30.6 | 1.47 | 0.330B | 0.070B | 0.005B | 19 |
| 20 | 0B | 0B | 0B | 0 B | 62.8 | 2.26 | 0.441 | 23.9 | 1.14 | 0.300B | 0.060B | 0 B | 20 |
| 21 | 0B | 0B | 0B | 0 B | 56.5 | 1.90 | 0.452 | 15.5 | 0.918 | 0.270B | 0.060B | 0 B | 21 |
| 22 | 0B | 0B | 0B | 0 B | 38.3 | 1.74 | 0.372 | 9.89 | 0.785 | 0.250B | 0.060B | 0 B | 22 |
| 23 | 0B | 0B | 0B | 0 B | 23.5 | 1.53 | 0.327 | 7.05 | 0.670 | 0.235B | 0.050B | 0 B | 23 |
| 24 | 0B | 0B | 0B | 0.001B | 16.3 | 1.36 | 0.260 | 5.02 | 0.585 | 0.220B | 0.050B | 0 B | 24 |
| 25 | 0B | 0B | 0B | 0.003B | 12.7 | 0.981 | 0.207 | 3.70 | 0.522 | 0.215B | 0.050B | 0 B | 25 |
| 26 | 0B | 0B | 0B | 0.006B | 10.3 | 0.741 | 0.165 | 2.77 | 0.464 | 0.200B | 0.050B | 0 B | 26 |
| 27 | 0B | 0B | 0B | 0.013B | 8.42 | 0.601 | 0.147 | 2.09 | 0.443 | 0.190B | 0.050B | 0 B | 27 |
| 28 | 0B | 0B | 0B | 0.060B | 5.10 | 0.505 | 0.124 | 1.52 | 0.821 | 0.180B | 0.040B | 0 B | 28 |
| 29 | 0B | | 0B | 0.120B | 4.47 | 0.423 | 0.103 | 1.08 | 1.73 | 0.170B | 0.040B | 0 B | 29 |
| 30 | 0B | | 0B | 0.200B | 4.00 | 0.358 | 0.089 | 0.829 | 1.93 | 0.160B | 0.040B | 0 B | 30 |
| 31 | 0B | | 0B | | 3.66 | | 0.091 | 0.661 | | 0.150B | | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0.403 | 511.191 | 122.489 | 6.260 | 213.521 | 158.695 | 16.670 | 2.430 | 0.367 | TOTAL |
| MEAN | 0 | 0 | 0 | 0.013 | 16.5 | 4.08 | 0.202 | 6.89 | 5.29 | 0.538 | 0.081 | 0.012 | MEAN |
| MAX | 0 | 0 | 0 | 0.200 | 64.4 | 18.1 | 0.452 | 30.6 | 27.6 | 1.91 | 0.140 | 0.040 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0.240 | 0.358 | 0.089 | 0.121 | 0.443 | 0.150 | 0.040 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.83
MAXIMUM DAILY, 64.4 ON MAY 19
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
73.3 AT 01:37 MST ON MAY 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 31 N
LONG 123 54 45 W

DRAINAGE AREA, 277 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 561 |
| FEB | 0 | AUG | 18 400 |
| MAR | 0 | SEP | 13 700 |
| APR | 34.8 | OCT | 1 440 |
| MAY | 44 200 | NOV | 210 |
| JUN | 10 600 | DEC | 31.7 |

TOTAL DISCHARGE, 89 200 dam³

## WALDRON RIVER NEAR THE MOUTH - STATION NO. 07SC002

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.756E | 0.679E | 0.561E | 0.465E | 0.390E | 0.880E | 16.6 | 8.85E | 5.99E | 6.03E | 3.51E | 2.21E | 1 |
| 2 | 0.751E | 0.677E | 0.559E | 0.462E | 0.390E | 0.950E | 16.3 | 8.67E | 5.99E | 5.99E | 3.45E | 2.18E | 2 |
| 3 | 0.749E | 0.675E | 0.556E | 0.460E | 0.390E | 1.05 E | 16.0 | 8.48E | 6.00E | 5.92E | 3.37E | 2.16E | 3 |
| 4 | 0.745E | 0.674A | 0.552E | 0.456E | 0.390E | 1.16 E | 15.8 | 8.29E | 6.02E | 5.81E | 3.30E | 2.14E | 4 |
| 5 | 0.741E | 0.668E | 0.549E | 0.451E | 0.391E | 1.29 E | 15.5 | 8.10E | 6.11E | 5.73E | 3.24E | 2.11E | 5 |
| 6 | 0.740E | 0.659E | 0.547E | 0.448E | 0.393E | 1.55 E | 15.2 | 7.93E | 6.20E | 5.69E | 3.18E | 2.09E | 6 |
| 7 | 0.739E | 0.653E | 0.543E | 0.443E | 0.396E | 2.25 E | 15.0 | 7.74E | 6.31E | 5.61E | 3.12E | 2.07E | 7 |
| 8 | 0.737E | 0.650E | 0.541E | 0.440E | 0.398E | 3.55 E | 14.7 | 7.55E | 6.50E | 5.51E | 3.08E | 2.04E | 8 |
| 9 | 0.732E | 0.646E | 0.539E | 0.436E | 0.400E | 7.10 E | 14.4 | 7.37E | 6.61E | 5.41E | 3.03E | 2.01E | 9 |
| 10 | 0.730E | 0.641E | 0.533E | 0.431E | 0.402E | 9.40 E | 14.0 | 7.23E | 6.68E | 5.32E | 2.99E | 1.99E | 10 |
| 11 | 0.728E | 0.637E | 0.530E | 0.428E | 0.408E | 11.8 E | 13.7 | 7.02E | 6.70E | 5.21E | 2.94E | 1.97E | 11 |
| 12 | 0.724E | 0.632E | 0.528E | 0.424E | 0.411E | 14.3 E | 13.5 | 6.84E | 6.70E | 5.11E | 2.89E | 1.95E | 12 |
| 13 | 0.721E | 0.622E | 0.525E | 0.422E | 0.415E | 16.2 E | 13.3 | 6.68E | 6.70E | 5.02E | 2.85E | 1.93E | 13 |
| 14 | 0.720E | 0.618E | 0.521E | 0.420E | 0.421E | 17.3 E | 12.9 | 6.57E | 6.70E | 4.97E | 2.80E | 1.91E | 14 |
| 15 | 0.719E | 0.613E | 0.519E | 0.417E | 0.430E | 17.9 E | 12.6 | 6.47E | 6.70E | 4.88E | 2.75E | 1.89E | 15 |
| 16 | 0.717E | 0.610E | 0.516E | 0.414E | 0.440E | 18.4 A | 12.3 | 6.37E | 6.70E | 4.79E | 2.72E | 1.87E | 16 |
| 17 | 0.712E | 0.606E | 0.512E | 0.411E | 0.450E | 18.4 | 12.0 | 6.26E | 6.70E | 4.70E | 2.69E | 1.86E | 17 |
| 18 | 0.709E | 0.602E | 0.510E | 0.409E | 0.460E | 18.6 | 11.6 | 6.15A | 6.69E | 4.60E | 2.63E | 1.85E | 18 |
| 19 | 0.705E | 0.598E | 0.508E | 0.404A | 0.474E | 18.6 | 11.3 | 6.15 | 6.64E | 4.50E | 2.59E | 1.83E | 19 |
| 20 | 0.702E | 0.594E | 0.505E | 0.403E | 0.498A | 18.5 | 11.0 | 6.20 | 6.61E | 4.40E | 2.55E | 1.82E | 20 |
| 21 | 0.702E | 0.592E | 0.502E | 0.402E | 0.510E | 18.4 | 10.8 | 6.23 | 6.60E | 4.30E | 2.52E | 1.81E | 21 |
| 22 | 0.701E | 0.590E | 0.499E | 0.401E | 0.522E | 18.3 | 10.7 | 6.13 | 6.59A | 4.20E | 2.50A | 1.78E | 22 |
| 23 | 0.699E | 0.584E | 0.495E | 0.400E | 0.540E | 18.2 | 10.4 | 6.05 | 6.41 | 4.10E | 2.46E | 1.77E | 23 |
| 24 | 0.698E | 0.580E | 0.491E | 0.398E | 0.562E | 18.1 | 10.2 | 5.87 | 6.36 | 4.04E | 2.42E | 1.76E | 24 |
| 25 | 0.698E | 0.575E | 0.488E | 0.395E | 0.590E | 18.0 | 10.0 | 5.79 | 6.36A | 4.00E | 2.39E | 1.74E | 25 |
| 26 | 0.697E | 0.571E | 0.484E | 0.391E | 0.608E | 17.9 | 9.88 | 5.84A | 6.32E | 3.90E | 2.36E | 1.73E | 26 |
| 27 | 0.694E | 0.569E | 0.481E | 0.390E | 0.640E | 17.7 | 9.68 | 5.90E | 6.28E | 3.84E | 2.33E | 1.72E | 27 |
| 28 | 0.690E | 0.566E | 0.479E | 0.390E | 0.682E | 17.5 | 9.47 | 5.94E | 6.23E | 3.78E | 2.30E | 1.70E | 28 |
| 29 | 0.683E | | 0.477E | 0.390E | 0.720E | 17.2 | 9.31A | 5.96E | 6.19E | 3.70E | 2.26E | 1.68E | 29 |
| 30 | 0.681E | | 0.474E | 0.390E | 0.760E | 16.9 | 9.15E | 5.98E | 6.12E | 3.64E | 2.23E | 1.67E | 30 |
| 31 | 0.680E | | 0.469E | | 0.810E | | 8.99E | 5.99E | | 3.58E | | 1.65E | 31 |
| TOTAL | 22.200 | 17.381 | 15.993 | 12.591 | 15.291 | 377.380 | 386.28 | 210.60 | 192.71 | 148.28 | 83.85 | 58.89 | TOTAL |
| MEAN | 0.716 | 0.621 | 0.516 | 0.420 | 0.493 | 12.6 | 12.5 | 6.79 | 6.42 | 4.78 | 2.78 | 1.90 | MEAN |
| MAX | 0.756 | 0.679 | 0.561 | 0.465 | 0.810 | 18.6 | 16.6 | 8.85 | 6.70 | 6.03 | 3.51 | 2.21 | MAX |
| MIN | 0.680 | 0.566 | 0.469 | 0.390 | 0.390 | 0.880 | 8.99 | 5.79 | 5.99 | 3.58 | 2.23 | 1.65 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.22
MAXIMUM DAILY, 18.6 ON JUN 18
MINIMUM DAILY, 0.390E ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 02 50 N
LONG 110 29 00 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 1 920 | JUL | 33 800 |
| FEB | 1 500 | AUG | 18 200 |
| MAR | 1 380 | SEP | 16 700 |
| APR | 1 090 | OCT | 12 800 |
| MAY | 1 320 | NOV | 7 210 |
| JUN | 32 600 | DEC | 5 090 |

TOTAL DISCHARGE, 133 000 dam³

## WELDON CREEK NEAR THE MOUTH - STATION NO. 10LA004

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 44.9 | 3.30 | 1.03 | 0.383 | 0.440B | 0.020B | 0B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 36.2 | 2.87 | 1.02 | 0.396 | 0.420B | 0.010B | 0B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 35.5 | 2.56 | 1.04 | 0.421 | 0.400B | 0 B | 0B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 62.1 | 2.17 | 0.951 | 0.444 | 0.380B | 0 B | 0B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 62.8 | 1.91 | 0.902 | 0.442 | 0.360B | 0 B | 0B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 47.6 | 1.59 | 0.880 | 0.440 | 0.340B | 0 B | 0B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 35.6 | 1.72 | 0.881 | 0.436 | 0.320B | 0 B | 0B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 26.9 | 1.96 | 0.878 | 0.436 | 0.300B | 0 B | 0B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0 B | 21.5 | 2.00 | 0.862 | 0.441 | 0.290B | 0 B | 0B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0 B | 20.1 A | 2.14 | 0.824 | 0.452 | 0.280B | 0 B | 0B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0 B | 19.2 E | 2.37 | 0.734 | 0.460 | 0.270B | 0 B | 0B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0 B | 21.7 E | 2.50 | 0.662 | 0.464 | 0.260B | 0 B | 0B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0 B | 24.6 E | 2.27 | 0.625 | 0.472 | 0.240B | 0 B | 0B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0.040B | 27.0 E | 1.89 | 0.567 | 0.473 | 0.220B | 0 B | 0B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0.100B | 29.7 A | 1.53 | 0.469 | 0.497 | 0.200B | 0 B | 0B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0.210B | 30.5 | 1.37 | 0.425 | 0.523 | 0.190B | 0 B | 0B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0.380B | 25.7 | 1.31 | 0.401 | 0.556 | 0.180B | 0 B | 0B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0.580B | 20.1 | 1.24 | 0.422 | 0.557 | 0.170B | 0 B | 0B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0.880B | 19.6 A | 1.11 | 0.440 | 0.541 | 0.160B | 0 B | 0B | 19 |
| 20 | 0B | 0B | 0B | 0B | 1.22 B | 20.3 A | 0.989 | 0.453 | 0.538 | 0.150B | 0 B | 0B | 20 |
| 21 | 0B | 0B | 0B | 0B | 1.70 B | 20.6 | 0.874 | 0.539 | 0.533 | 0.140B | 0 B | 0B | 21 |
| 22 | 0B | 0B | 0B | 0B | 2.22 B | 18.8 | 0.756 | 0.622 | 0.536 | 0.120B | 0 B | 0B | 22 |
| 23 | 0B | 0B | 0B | 0B | 2.95 B | 15.2 | 0.665 | 0.682 | 0.529 | 0.110B | 0 B | 0B | 23 |
| 24 | 0B | 0B | 0B | 0B | 17.0 B | 12.2 | 0.543 | 0.650 | 0.507 | 0.100B | 0 B | 0B | 24 |
| 25 | 0B | 0B | 0B | 0B | 122 B | 10.0 | 0.502 | 0.600 | 0.489 | 0.090B | 0 B | 0B | 25 |
| 26 | 0B | 0B | 0B | 0B | 126 B | 8.20 | 0.743 | 0.536 | 0.477 | 0.080B | 0 B | 0B | 26 |
| 27 | 0B | 0B | 0B | 0B | 123 | 6.77 | 0.867 | 0.472 | 0.458 | 0.070B | 0 B | 0B | 27 |
| 28 | 0B | 0B | 0B | 0B | 108 | 5.67 | 0.882 | 0.444 | 0.450 | 0.060B | 0 B | 0B | 28 |
| 29 | 0B | | 0B | 0B | 92.7 | 4.66 | 0.876 | 0.405 | 0.459 | 0.050B | 0 B | 0B | 29 |
| 30 | 0B | | 0B | 0B | 75.1 | 4.00 | 0.894 | 0.399 | 0.497 | 0.040B | 0 B | 0B | 30 |
| 31 | 0B | | 0B | | 58.8 | | 1.06 | 0.389 | | 0.030B | | 0B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 732.880 | 737.70 | 47.441 | 20.204 | 14.307 | 6.460 | 0.030 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 23.6 | 24.6 | 1.53 | 0.652 | 0.477 | 0.208 | 0.001 | 0 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 126 | 62.8 | 3.30 | 1.04 | 0.557 | 0.440 | 0.020 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 4.00 | 0.502 | 0.389 | 0.383 | 0.030 | 0 | 0 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.27
MAXIMUM DAILY, 126B ON MAY 26
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 23 10 N
LONG 132 39 00 W
DRAINAGE AREA, 847 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 4 100 |
| FEB | 0 | AUG | 1 750 |
| MAR | 0 | SEP | 1 240 |
| APR | 0 | OCT | 558 |
| MAY | 63 300 | NOV | 2.59 |
| JUN | 63 700 | DEC | 0 |

TOTAL DISCHARGE, 135 000 dam³

## NORTHWEST TERRITORIES

### WHITEFISH RIVER NEAR THE MOUTH - STATION NO. 10JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0 B | 155 | 48.6 E | 6.46 | 7.18 | 3.40B | 2.37B | 1.62 B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0 B | 152 | 46.2 E | 6.31 | 6.68 | 3.36B | 2.34B | 1.60 B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0 B | 148 | 43.8 E | 6.07 | 6.43 | 3.30B | 2.32B | 1.58 B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0 B | 144 | 41.4 E | 5.80 | 6.07 | 3.26B | 2.30B | 1.55 B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0 B | 139 | 39.0 E | 5.52 | 5.78 | 3.22B | 2.28B | 1.51 B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0 B | 135 | 36.6 E | 5.29 | 5.54 | 3.17B | 2.25B | 1.49 B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0 B | 130 | 34.2 E | 5.19 | 5.25 | 3.12B | 2.23B | 1.46 B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0 B | 124 | 31.8 E | 5.03 | 5.01 | 3.08B | 2.21B | 1.42 B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0.040B | 118 | 29.4 E | 4.82 | 4.77 | 3.04B | 2.19B | 1.40 B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0.100B | 112 | 27.0 E | 4.63 | 4.63 | 3.00B | 2.17B | 1.38 B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0.230B | 105 | 24.6 E | 4.47 | 4.52 | 2.98B | 2.15B | 1.36 B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0.350B | 98.2 | 22.2 E | 4.95 | 4.41 | 2.94B | 2.14B | 1.33 B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0.550B | 91.5 | 19.8 E | 6.29 | 4.24 | 2.90B | 2.11B | 1.30 B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0.800B | 85.1 | 17.4 E | 9.98 | 4.15 | 2.87B | 2.09B | 1.28 B | 14 |
| 15 | 0B | 0B | 0B | 0B | 1.30 B | 79.2 | 15.0 E | 14.2 | 4.07 | 2.84B | 2.07B | 1.25 B | 15 |
| 16 | 0B | 0B | 0B | 0B | 1.90 B | 74.7 | 12.6 E | 16.4 | 3.95 | 2.80B | 2.05B | 1.23 B | 16 |
| 17 | 0B | 0B | 0B | 0B | 2.40 B | 73.7 | 10.1 | 16.8 | 3.85 | 2.78B | 2.03B | 1.21 B | 17 |
| 18 | 0B | 0B | 0B | 0B | 3.00 B | 82.8 | 9.38 | 16.5 | 3.73 | 2.75B | 2.01B | 1.19 B | 18 |
| 19 | 0B | 0B | 0B | 0B | 3.85 B | 87.0 | 8.49 | 16.0 | 3.61 | 2.71B | 2.00B | 1.17 B | 19 |
| 20 | 0B | 0B | 0B | 0B | 5.10 B | 86.4 | 7.86 | 15.3 | 3.51 | 2.68B | 1.98B | 1.15 B | 20 |
| 21 | 0B | 0B | 0B | 0B | 7.30 B | 84.0 | 7.32 | 14.5 | 3.46 | 2.65B | 1.95B | 1.12 B | 21 |
| 22 | 0B | 0B | 0B | 0B | 11.0 B | 80.8 | 6.78 | 13.6 | 3.36 | 2.63B | 1.90B | 1.10 B | 22 |
| 23 | 0B | 0B | 0B | 0B | 20.0 B | 77.2 | 6.30 | 12.6 | 3.43 | 2.60B | 1.87B | 1.08 B | 23 |
| 24 | 0B | 0B | 0B | 0B | 50.0 B | 73.1 | 6.19 | 11.9 | 3.46 | 2.56B | 1.84B | 1.05 B | 24 |
| 25 | 0B | 0B | 0B | 0B | 93.0 B | 68.9 | 6.41 | 11.2 | 3.54 | 2.54B | 1.80B | 1.03 B | 25 |
| 26 | 0B | 0B | 0B | 0B | 165 B | 64.8 | 6.55 | 10.5 | 3.53 | 2.52B | 1.78B | 1.01 B | 26 |
| 27 | 0B | 0B | 0B | 0B | 175 E | 60.5 | 6.65 | 9.93 | 3.51 | 2.49B | 1.75B | 1.00 B | 27 |
| 28 | 0B | 0B | 0B | 0B | 177 E | 56.0 | 6.58 | 9.32 | 3.53 | 2.47B | 1.71B | 0.980B | 28 |
| 29 | 0B | 0B | 0B | 0B | 173 E | 53.4A | 6.57 | 8.60 | 3.55 | 2.44B | 1.69B | 0.960B | 29 |
| 30 | 0B | 0B | 0B | 0B | 166 A | 51.0E | 6.52 | 8.08 | 3.47 | 2.41B | 1.65B | 0.930B | 30 |
| 31 | 0B | | 0B | | 156 | | 6.46 | 7.79 | | 2.39B | | 0.900B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 1 212.920 | 2 890.3 | 597.76 | 294.03 | 132.22 | 87.89 | 61.23 | 38.640 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 39.1 | 96.3 | 19.3 | 9.48 | 4.41 | 2.84 | 2.04 | 1.25 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 177 | 155 | 48.6 | 16.8 | 7.18 | 3.40 | 2.37 | 1.62 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 51.0 | 6.19 | 4.47 | 3.36 | 2.39 | 1.65 | 0.900 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.6
MAXIMUM DAILY, 177E ON MAY 28
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 43 30 N
LONG 124 36 40 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 51 600 |
| FEB | 0 | AUG | 25 400 |
| MAR | 0 | SEP | 11 400 |
| APR | 0 | OCT | 7 590 |
| MAY | 105 000 | NOV | 5 290 |
| JUN | 250 000 | DEC | 3 340 |

TOTAL DISCHARGE, 460 000 dam³

### WILLOWLAKE RIVER NEAR THE MOUTH - STATION NO. 10GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 16.0 B | 5.10B | 3.80B | 3.32B | 6.50B | 439 | 155 | 57.9 | 115 | 123 | 28.0B | 24.0B | 1 |
| 2 | 15.0 B | 5.04B | 3.70B | 3.30B | 7.00B | 412 | 145 | 58.0 | 109 | 134 | 28.0B | 24.0B | 2 |
| 3 | 14.0 B | 5.00B | 3.70B | 3.30B | 7.40B | 385 | 135 | 59.4 | 127 | 136 | 27.5B | 23.5B | 3 |
| 4 | 13.0 B | 4.90B | 3.60B | 3.30B | 7.80B | 389 | 127 A | 60.8 | 145 | 136 | 27.0B | 23.5B | 4 |
| 5 | 12.0 B | 4.90B | 3.60B | 3.30B | 8.30B | 433 | 120 E | 60.9 | 154 | 134 | 27.0B | 23.5B | 5 |
| 6 | 11.5 B | 4.80B | 3.60B | 3.30B | 8.90B | 450 | 113 E | 59.1 | 158 | 130 | 26.5B | 23.0B | 6 |
| 7 | 11.0 B | 4.80B | 3.50B | 3.30B | 9.80B | 443 | 104 A | 56.0 | 154 | 128 | 26.5B | 23.0B | 7 |
| 8 | 10.2 B | 4.70B | 3.50B | 3.30B | 11.0 B | 406 | 97.7 | 52.9 | 223 | 126 | 26.5B | 22.5B | 8 |
| 9 | 9.60B | 4.70B | 3.50B | 3.30B | 15.0 B | 368 | 92.1 | 50.9 | 317 | 124 | 26.0B | 22.0B | 9 |
| 10 | 9.20B | 4.60B | 3.40B | 3.30B | 24.0 B | 334 | 88.9 | 48.8 | 348 | 123 | 26.0B | 22.0B | 10 |
| 11 | 8.80B | 4.60B | 3.40B | 3.30B | 37.0 B | 306 | 84.6 | 65.9 | 384 | 119 | 26.0B | 21.5B | 11 |
| 12 | 8.50B | 4.60B | 3.40B | 3.30B | 64.0 B | 280 | 81.4 | 92.3 | 306 | 117 | 26.0B | 21.5B | 12 |
| 13 | 8.20B | 4.50B | 3.40B | 3.30B | 100 B | 263 | 81.0 | 151 | 261 | 113 | 25.5B | 21.0B | 13 |
| 14 | 7.80B | 4.50B | 3.40B | 3.30B | 170 B | 248 | 83.9 | 175 | 228 | 109 | 25.5B | 21.0B | 14 |
| 15 | 7.40B | 4.40B | 3.40B | 3.30B | 270 B | 236 | 86.2 | 160 | 203 | 103 | 25.5B | 20.5B | 15 |
| 16 | 7.20B | 4.40B | 3.40B | 3.40B | 440 B | 243 | 85.3 | 143 | 183 | 96.1 | 25.5B | 20.5B | 16 |
| 17 | 7.00B | 4.30B | 3.40B | 3.45B | 851 | 272 | 81.0 | 136 | 169 | 78.5 | 25.5B | 20.0B | 17 |
| 18 | 6.80B | 4.30B | 3.35B | 3.50B | 995 | 294 | 80.1 | 133 | 155 | 69.7B | 25.0B | 20.0B | 18 |
| 19 | 6.60B | 4.20B | 3.35B | 3.60B | 1 080 | 285 | 80.3 | 233 | 143 | 63.0B | 25.0B | 19.5B | 19 |
| 20 | 6.30B | 4.20B | 3.35B | 3.70B | 1 200 | 264 | 80.3 | 353 | 132 | 40.0B | 25.0B | 19.5B | 20 |
| 21 | 6.10B | 4.10B | 3.35B | 3.85B | 1 240 | 244 | 78.5 | 366 | 124 | 37.0B | 25.0B | 19.0B | 21 |
| 22 | 5.90B | 4.10B | 3.35B | 4.00B | 1 140 | 231 | 75.3 | 375 | 116 | 35.0B | 25.0B | 19.0B | 22 |
| 23 | 5.70B | 4.00B | 3.35B | 4.30B | 981 | 223 | 73.0 | 340 | 108 | 34.0B | 25.0B | 18.5B | 23 |
| 24 | 5.60B | 4.00B | 3.35B | 4.50B | 852 | 232 | 69.9 | 286 | 102 | 33.0B | 24.5B | 18.5B | 24 |
| 25 | 5.60B | 4.00B | 3.35B | 4.70B | 784 | 238 | 65.6 | 244 | 97.2 | 32.0B | 24.5B | 18.5B | 25 |
| 26 | 5.50B | 3.90B | 3.35B | 5.00B | 746 | 223 | 61.5 | 209 | 92.9 | 31.0B | 24.5B | 18.0B | 26 |
| 27 | 5.40B | 3.90B | 3.35B | 5.15B | 687 | 207 | 59.9 | 183 | 89.2 | 30.5B | 24.5B | 17.5B | 27 |
| 28 | 5.30B | 3.80B | 3.35B | 5.50B | 627 | 191 | 58.8 | 163 | 89.5 | 30.0B | 24.5B | 17.5B | 28 |
| 29 | 5.20B | | 3.35B | 5.00B | 570 | 177 | 57.9 | 148 | 98.7 | 29.5B | 24.0B | 17.5B | 29 |
| 30 | 5.20B | | 3.35B | 5.00B | 515 | 165 | 57.7 | 135 | 110 | 29.0B | 24.0B | 17.0B | 30 |
| 31 | 5.10B | | 3.35B | 6.10B | 473 | | 57.8 | 124 | | 28.5B | | 17.0B | 31 |
| TOTAL | 256.70 | 124.34 | 106.60 | 115.32 | 13 927.70 | 8 881 | 2 717.6 | 4 779.9 | 5 001.5 | 2 511.8 | 769.0 | 634.0 | TOTAL |
| MEAN | 8.28 | 4.44 | 3.44 | 3.84 | 449 | 296 | 87.7 | 154 | 167 | 81.0 | 25.6 | 20.5 | MEAN |
| MAX | 16.0 | 5.10 | 3.80 | 6.10 | 1 240 | 450 | 155 | 375 | 348 | 136 | 28.0 | 24.0 | MAX |
| MIN | 5.10 | 3.80 | 3.35 | 3.30 | 6.50 | 165 | 57.7 | 48.8 | 89.2 | 28.5 | 24.0 | 17.0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 109
MAXIMUM DAILY, 1 240 ON MAY 21
MINIMUM DAILY, 3.30B ON APR 2
MAXIMUM INSTANTANEOUS,
1 250 AT 16:18 MST ON MAY 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 50 N
LONG 122 54 15 W
DRAINAGE AREA, 21 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 22 200 | JUL | 235 000 |
| FEB | 10 700 | AUG | 413 000 |
| MAR | 9 210 | SEP | 432 000 |
| APR | 9 960 | OCT | 217 000 |
| MAY | 1 200 000 | NOV | 66 400 |
| JUN | 767 000 | DEC | 54 800 |

TOTAL DISCHARGE, 3 440 000 dam³

## WRIGLEY RIVER NEAR THE MOUTH - STATION NO. 10HB003

### DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0 B | 5.38B | 37.6 | 12.7 | 29.4 | 10.7 | 19.5 | 1.60 B | 0.800B | 1 |
| 2 | 0B | 0B | 0B | 0 B | 5.61B | 33.3 | 11.8 | 28.5 | 10.7 | 17.6 | 1.50 B | 0.800B | 2 |
| 3 | 0B | 0B | 0B | 0 B | 6.46B | 26.8 | 11.0 | 22.8 | 13.1 | 15.9 | 1.50 B | 0.792B | 3 |
| 4 | 0B | 0B | 0B | 0 B | 8.00B | 23.0E | 10.4 | 18.2 | 14.8 | 14.5 | 1.40 B | 0.750B | 4 |
| 5 | 0B | 0B | 0B | 0.016B | 9.40B | 20.0E | 9.90 | 16.4 | 13.7 | 13.5 | 1.30 B | 0.750B | 5 |
| 6 | 0B | 0B | 0B | 0.059B | 10.8 B | 17.0E | 9.35 | 17.9 | 12.8 | 13.3 | 1.30 B | 0.750B | 6 |
| 7 | 0B | 0B | 0B | 0.152B | 11.9 B | 16.0E | 8.93 | 17.9 | 12.5 | 13.3 | 1.20 B | 0.750B | 7 |
| 8 | 0B | 0B | 0B | 0.232B | 12.4 B | 15.5E | 8.65 | 15.9 | 73.0 | 12.4 | 1.20 B | 0.750B | 8 |
| 9 | 0B | 0B | 0B | 0.169B | 12.6 B | 15.2E | 8.30 | 14.2 | 135 | 10.7 | 1.10 B | 0.700B | 9 |
| 10 | 0B | 0B | 0B | 0.108B | 13.0 B | 15.0A | 13.3 | 12.5 | 95.2 | 10.6 | 1.10 B | 0.700B | 10 |
| 11 | 0B | 0B | 0B | 0.166B | 13.5 B | 15.2 | 29.9 | 171 | 60.1 | 11.0 | 1.00 B | 0.700B | 11 |
| 12 | 0B | 0B | 0B | 0.237B | 14.0 B | 15.5 | 32.8 | 229 | 44.0 | 10.5 | 1.00 B | 0.700B | 12 |
| 13 | 0B | 0B | 0B | 0.308B | 15.0 B | 15.8 | 24.5 | 197 | 34.6 | 10.1 | 1.00 B | 0.700B | 13 |
| 14 | 0B | 0B | 0B | 0.367B | 16.0 B | 15.7 | 20.8 | 117 | 29.3 | 10.1 | 0.900B | 0.700B | 14 |
| 15 | 0B | 0B | 0B | 0.395B | 32.0 B | 97.3 | 16.8 | 65.8 | 25.6 | 8.91 | 0.900B | 0.700B | 15 |
| 16 | 0B | 0B | 0B | 0.457B | 59.3 | 155 | 13.3 | 46.2 | 22.9 | 7.79 | 0.900B | 0.700B | 16 |
| 17 | 0B | 0B | 0B | 0.560B | 93.4 | 104 | 18.2 | 32.2 | 20.5 | 5.71B | 0.900B | 0.700B | 17 |
| 18 | 0B | 0B | 0B | 0.835B | 116 | 78.8 | 53.2 | 25.6 | 18.6 | 4.80B | 0.900B | 0.650B | 18 |
| 19 | 0B | 0B | 0B | 0.773B | 162 | 52.9 | 54.9 | 22.1 | 17.2 | 4.20B | 0.900B | 0.650B | 19 |
| 20 | 0B | 0B | 0B | 0.750B | 187 | 39.8 | 32.1 | 19.1 | 16.2 | 3.60B | 0.900B | 0.650B | 20 |
| 21 | 0B | 0B | 0B | 0.728B | 162 | 36.0 | 22.2 | 17.5 | 15.3 | 3.10B | 0.900B | 0.650B | 21 |
| 22 | 0B | 0B | 0B | 0.700B | 134 | 33.5 | 16.8 | 16.8 | 14.5 | 2.80B | 0.900B | 0.650B | 22 |
| 23 | 0B | 0B | 0B | 0.712B | 112 | 28.8 | 19.6 | 17.1 | 13.9 | 2.55B | 0.900B | 0.650B | 23 |
| 24 | 0B | 0B | 0B | 0.732B | 102 A | 24.9 | 20.4 | 17.2 | 13.5 | 2.40B | 0.800B | 0.600B | 24 |
| 25 | 0B | 0B | 0B | 0.728B | 83.8 E | 21.6 | 16.3 | 15.8 | 13.0 | 2.30B | 0.800B | 0.600B | 25 |
| 26 | 0B | 0B | 0B | 0.769B | 74.1 E | 18.9 | 13.7 | 14.7 | 12.6 | 2.20B | 0.800B | 0.600B | 26 |
| 27 | 0B | 0B | 0B | 0.816B | 66.0 A | 16.9 | 12.4 | 13.8 | 12.6 | 2.10B | 0.800B | 0.600B | 27 |
| 28 | 0B | 0B | 0B | 1.20 B | 62.5 | 15.4 | 10.9 | 12.8 | 14.7 | 2.00B | 0.800B | 0.600B | 28 |
| 29 | 0B | | 0B | 2.00 B | 58.7 | 14.5 | 9.97 | 12.1 | 21.3 | 1.90B | 0.800B | 0.600B | 29 |
| 30 | 0B | | 0B | 4.46 B | 53.0 | 13.5 | 10.2 | 11.4 | 21.5 | 1.80B | 0.800B | 0.600B | 30 |
| 31 | 0B | | 0B | | 43.2 | | 14.8 | 10.9 | | 1.70B | | 0.600B | 31 |
| TOTAL | 0 | 0 | 0 | 18.429 | 1 755.05 | 1 033.4 | 568.10 | 1 276.8 | 833.0 | 242.86 | 30.800 | 21.142 | TOTAL |
| MEAN | 0 | 0 | 0 | 0.614 | 56.6 | 34.4 | 18.3 | 41.2 | 27.8 | 7.83 | 1.03 | 0.682 | MEAN |
| MAX | 0 | 0 | 0 | 4.46 | 187 | 155 | 54.9 | 229 | 135 | 19.5 | 1.60 | 0.800 | MAX |
| MIN | 0 | 0 | 0 | 0 | 5.38 | 13.5 | 8.30 | 10.9 | 10.7 | 1.70 | 0.800 | 0.600 | MIN |

### SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 229 ON AUG 12
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
306 AT 18:17 MST ON AUG 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 11 30 N
LONG 123 41 30 W
DRAINAGE AREA, 1 260 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 49 100 |
| FEB | 0 | AUG | 110 000 |
| MAR | 0 | SEP | 72 000 |
| APR | 1 590 | OCT | 21 000 |
| MAY | 152 000 | NOV | 2 660 |
| JUN | 89 300 | DEC | 1 830 |

TOTAL DISCHARGE, 499 000 dam³

## YATHKYED LAKE NEAR KAZAN RIVER INLET - STATION NO. 06LC004

### DAILY WATER LEVEL IN METRES FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 197.524 | 197.544 | 197.616 | 197.689 | 197.816E | 197.946 | 198.391 | 198.152 | 197.796 | 197.736 | --- | --- | 1 |
| 2 | 197.526 | 197.543 | 197.616 | 197.689 | 197.820E | 197.968 | 198.388 | 198.149 | 197.794 | 197.689 | --- | --- | 2 |
| 3 | 197.529 | 197.543 | 197.619 | 197.692 | 197.825E | 197.994 | 198.384 | 198.138 | 197.784 | 197.692 | --- | --- | 3 |
| 4 | 197.528 | 197.547 | 197.617 | 197.693 | 197.830E | 198.010 | 198.383 | 198.128 | 197.761 | 197.708 | --- | --- | 4 |
| 5 | 197.530 | 197.548 | 197.619 | 197.697 | 197.832E | 198.024 | 198.377 | 198.116 | 197.756 | 197.706 | --- | --- | 5 |
| 6 | 197.531 | 197.551 | 197.619 | 197.705 | 197.835E | 198.040 | 198.369 | 198.102 | 197.754 | 197.705 | --- | --- | 6 |
| 7 | 197.531 | 197.553 | 197.618 | 197.713 | 197.836E | 198.063 | 198.369 | 198.078 | 197.745 | 197.706 | --- | --- | 7 |
| 8 | 197.533 | 197.552 | 197.619 | 197.723 | 197.837E | 198.072 | 198.367 | 198.061 | 197.733 | 197.698 | --- | --- | 8 |
| 9 | 197.533 | 197.551 | 197.620 | 197.727 | 197.838E | 198.090 | 198.360 | 198.050 | 197.717 | 197.698 | --- | --- | 9 |
| 10 | 197.533 | 197.554 | 197.620 | 197.729 | 197.838A | 198.113 | 198.355 | 198.039 | 197.717 | 197.700 | --- | --- | 10 |
| 11 | 197.535 | 197.557 | 197.623 | 197.729 | 197.837 | 198.130 | 198.348 | 198.030 | 197.791 | 197.705 | --- | --- | 11 |
| 12 | 197.537 | 197.557 | 197.625 | 197.733 | 197.820 | 198.143 | 198.337 | 198.028 | 197.722 | 197.678 | --- | --- | 12 |
| 13 | 197.536 | 197.557 | 197.625 | 197.745 | 197.815 | 198.166 | 198.338 | 198.005 | 197.688 | 197.683 | --- | --- | 13 |
| 14 | 197.536 | 197.558 | 197.624 | 197.743 | 197.815 | 198.190 | 198.323 | 197.990 | 197.699 | 197.642 | --- | --- | 14 |
| 15 | 197.535 | 197.557 | 197.624 | 197.743 | 197.818 | 198.219 | 198.313 | 197.987 | 197.724 | 197.635 | --- | --- | 15 |
| 16 | 197.534 | 197.558 | 197.624 | 197.747 | 197.824 | 198.249 | 198.307 | 197.962 | 197.726 | 197.638 | --- | --- | 16 |
| 17 | 197.536 | 197.566 | 197.624 | 197.753 | 197.824 | 198.277 | 198.305 | 197.958 | 197.734 | 197.637E | --- | --- | 17 |
| 18 | 197.535 | 197.578 | 197.632 | 197.769 | 197.824 | 198.304 | 198.302 | 197.951 | 197.736 | 197.636E | --- | --- | 18 |
| 19 | 197.537 | 197.578 | 197.662 | 197.783 | 197.830 | 198.316 | 198.293 | 197.936 | 197.736 | 197.635E | --- | --- | 19 |
| 20 | 197.536 | 197.579 | 197.678 | 197.784 | 197.838 | 198.332 | 198.249 | 197.927 | 197.751 | 197.633E | --- | --- | 20 |
| 21 | 197.534 | 197.611 | 197.677 | 197.788 | 197.841 | 198.337 | 198.280 | 197.913 | 197.762 | 197.631E | --- | --- | 21 |
| 22 | 197.540 | 197.616 | 197.679 | 197.790 | 197.839 | 198.346 | 198.281 | 197.893 | 197.734 | 197.630E | --- | --- | 22 |
| 23 | 197.536 | 197.616 | 197.682 | 197.780A | 197.842 | 198.353 | 198.274 | 197.791 | 197.731 | 197.629E | --- | --- | 23 |
| 24 | 197.536 | 197.615 | 197.682 | 197.780E | 197.841 | 198.365 | 198.255 | 197.812 | 197.755 | 197.627E | --- | --- | 24 |
| 25 | 197.540 | 197.619 | 197.684 | 197.780E | 197.842 | 198.373 | 198.240 | 197.862 | 197.767 | 197.626E | --- | --- | 25 |
| 26 | 197.539 | 197.615 | 197.687 | 197.783E | 197.845 | 198.376 | 198.227 | 197.850 | 197.743 | 197.624E | --- | --- | 26 |
| 27 | 197.540 | 197.617 | 197.687 | 197.790E | 197.848 | 198.376 | 198.220 | 197.821 | 197.715 | 197.623E | --- | --- | 27 |
| 28 | 197.539 | 197.618 | 197.695 | 197.798E | 197.865 | 198.383 | 198.185 | 197.827 | 197.738 | 197.622E | --- | --- | 28 |
| 29 | 197.542 | | 197.692 | 197.803E | 197.878 | 198.391 | 198.170 | 197.816 | 197.741 | 197.620E | --- | --- | 29 |
| 30 | 197.543 | | 197.692 | 197.809E | 197.905 | 198.397 | 198.165 | 197.801 | 197.732 | 197.619E | --- | --- | 30 |
| 31 | 197.544 | | 197.693 | | 197.921 | | 198.151 | 197.798 | | 197.618E | | --- | 31 |
| MEAN | 197.535 | 197.574 | 197.648 | 197.750 | 197.839 | 198.211 | 198.300 | 197.967 | 197.743 | 197.659 | --- | --- | MEAN |
| MAX | 197.544 | 197.619 | 197.695 | 197.809 | 197.921 | 198.397 | 198.391 | 198.152 | 197.796 | 197.736 | --- | --- | MAX |
| MIN | 197.524 | 197.543 | 197.616 | 197.689 | 197.815 | 197.946 | 198.151 | 197.791 | 197.688 | 197.618 | --- | --- | MIN |

### SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 198.397 ON JUN 30

MAXIMUM INSTANTANEOUS,
198.401 AT 12:20 CST ON JUN 30

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 41 50 N
LONG 98 18 20 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

NORTHWEST TERRITORIES

SED CREEK NEAR INUVIK - STATION NO. 10ND003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0B | 0B | 0B | 0B | 0B | 0 B | 1.47 | 4.05 | 2.74 | 2.36 | 0.586B | 0.022B | 1 |
| 2 | 0B | 0B | 0B | 0B | 0B | 0 B | 1.44 | 3.98 | 2.72 | 2.30 B | 0.495B | 0.021B | 2 |
| 3 | 0B | 0B | 0B | 0B | 0B | 0 B | 1.39 | 3.97 | 2.73 | 2.27 B | 0.450B | 0.019B | 3 |
| 4 | 0B | 0B | 0B | 0B | 0B | 0.052B | 1.34 | 3.93 | 2.70 | 2.23 B | 0.400B | 0.017B | 4 |
| 5 | 0B | 0B | 0B | 0B | 0B | 0.125B | 1.38 | 3.80 | 2.72 | 2.18 B | 0.363B | 0.015B | 5 |
| 6 | 0B | 0B | 0B | 0B | 0B | 0.260B | 1.36 | 3.70 | 2.56 | 2.15 B | 0.325B | 0.013B | 6 |
| 7 | 0B | 0B | 0B | 0B | 0B | 0.490B | 1.39 | 3.60 | 2.67 | 2.10 B | 0.290B | 0.012B | 7 |
| 8 | 0B | 0B | 0B | 0B | 0B | 0.780B | 1.42 | 3.55 | 2.61 | 2.04 B | 0.256B | 0.010B | 8 |
| 9 | 0B | 0B | 0B | 0B | 0B | 1.20 B | 1.51 | 3.70 | 2.60 | 1.99 B | 0.220B | 0.009B | 9 |
| 10 | 0B | 0B | 0B | 0B | 0B | 1.90 B | 1.68 | 3.55 | 2.60 | 1.93 B | 0.184B | 0.008B | 10 |
| 11 | 0B | 0B | 0B | 0B | 0B | 2.44 B | 1.69 | 3.43 | 2.58 | 1.88 B | 0.148B | 0.007B | 11 |
| 12 | 0B | 0B | 0B | 0B | 0B | 2.96 E | 1.73 | 3.30 | 2.53 | 1.82 B | 0.127B | 0.006B | 12 |
| 13 | 0B | 0B | 0B | 0B | 0B | 3.50 E | 1.71 | 3.23 | 2.57 | 1.76 B | 0.110B | 0.005B | 13 |
| 14 | 0B | 0B | 0B | 0B | 0B | 3.92 E | 1.76 | 3.25 | 2.65 | 1.70 B | 0.097B | 0.004B | 14 |
| 15 | 0B | 0B | 0B | 0B | 0B | 4.10 E | 1.78 | 3.23 | 2.51 | 1.64 B | 0.085B | 0.003B | 15 |
| 16 | 0B | 0B | 0B | 0B | 0B | 4.05 E | 1.78 | 3.17 | 2.70 | 1.57 B | 0.076B | 0.002B | 16 |
| 17 | 0B | 0B | 0B | 0B | 0B | 4.00 E | 1.88 | 3.21 | 2.66 | 1.51 B | 0.068B | 0.002B | 17 |
| 18 | 0B | 0B | 0B | 0B | 0B | 3.94 A | 1.94 | 3.17 | 2.41 | 1.44 B | 0.061B | 0.001B | 18 |
| 19 | 0B | 0B | 0B | 0B | 0B | 3.70 | 1.94 | 3.05 | 2.38 | 1.37 B | 0.055B | 0.001B | 19 |
| 20 | 0B | 0B | 0B | 0B | 0B | 3.34 | 2.02 | 3.16 | 2.34 | 1.31 B | 0.050B | 0 B | 20 |
| 21 | 0B | 0B | 0B | 0B | 0B | 3.06 | 2.22 | 3.37 | 2.56 | 1.24 B | 0.046B | 0 B | 21 |
| 22 | 0B | 0B | 0B | 0B | 0B | 2.78 | 2.15 | 3.05 | 2.43 | 1.17 B | 0.042B | 0 B | 22 |
| 23 | 0B | 0B | 0B | 0B | 0B | 2.52 | 2.37 | 2.81 | 2.58 | 1.10 B | 0.039B | 0 B | 23 |
| 24 | 0B | 0B | 0B | 0B | 0B | 2.20 | 2.18 | 2.68 | 2.69 | 1.03 B | 0.035B | 0 B | 24 |
| 25 | 0B | 0B | 0B | 0B | 0B | 2.00 | 2.73 | 2.59 | 2.52 | 0.960B | 0.033B | 0 B | 25 |
| 26 | 0B | 0B | 0B | 0B | 0B | 1.83 | 2.82 | 2.62 | 2.41 | 0.890B | 0.030B | 0 B | 26 |
| 27 | 0B | 0B | 0B | 0B | 0B | 1.57 | 2.60 | 2.67 | 2.48 | 0.835B | 0.028B | 0 B | 27 |
| 28 | 0B | 0B | 0B | 0B | 0B | 1.50 | 3.02 | 2.71 | 2.52 | 0.766B | 0.026B | 0 B | 28 |
| 29 | 0B | | 0B | 0B | 0B | 1.43 | 3.31 | 2.60 | 2.46 | 0.706B | 0.025B | 0 B | 29 |
| 30 | 0B | | 0B | 0B | 0B | 1.42 | 3.69 | 2.64 | 2.30 | 0.650B | 0.023B | 0 B | 30 |
| 31 | 0B | | 0B | | 0B | | 3.94 | 2.71 | | 0.596B | | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 61.067 | 63.64 | 100.48 | 76.89 | 47.493 | 4.733 | 0.177 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | 2.04 | 2.05 | 3.24 | 2.56 | 1.53 | 0.158 | 0.006 | MEAN |
| MAX | 0 | 0 | 0 | 0 | 0 | 4.10 | 3.94 | 4.05 | 2.74 | 2.36 | 0.586 | 0.022 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 1.34 | 2.59 | 2.30 | 0.596 | 0.023 | 0 | MIN |

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.971
MAXIMUM DAILY, 4.10E ON JUN 15
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 57 10 N
LONG 133 23 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

| | | | |
|---|---|---|---|
| JAN | 0 | JUL | 5 500 |
| FEB | 0 | AUG | 8 620 |
| MAR | 0 | SEP | 6 640 |
| APR | 0 | OCT | 4 100 |
| MAY | 0 | NOV | 409 |
| JUN | 5 280 | DEC | 15.3 |

TOTAL DISCHARGE, 30 600 dam³

| NAME | STATION NO. | PAGE |
|---|---|---|
| **YUKON TERRITORY** | | |
| AISHIHIK LAKE NEAR WHITEHORSE | 08AA005 | 1 |
| AISHIHIK RIVER BELOW AISHIHIK LAKE | 08AA010 | 1 |
| AISHIHIK RIVER NEAR WHITEHORSE | 08AA001 | 2 |
| ALSEK RIVER ABOVE BATES RIVER | 08AB001 | 2 |
| BABBAGE RIVER BELOW CARIBOU CREEK | 10MD002 | 3 |
| BEAVER RIVER BELOW WHITEFISH RIVER | 10BD001 | 3 |
| BENNETT LAKE AT CARCROSS | 09AA004 | 4 |
| BIG CREEK NEAR THE MOUTH | 09AB003 | 4 |
| BIG SALMON RIVER NEAR CARMACKS | 09AG001 | 5 |
| BONNET PLUME RIVER ABOVE GILLESPIE CREEK | 10MB004 | 5 |
| DESADEASH RIVER AT HAINES JUNCTION | 08AA003 | 6 |
| DONJEK RIVER BELOW KLUANE RIVER | 09CA003 | 6 |
| DUKE RIVER NEAR THE MOUTH | 09CA004 | 7 |
| EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE | 09FB002 | 7 |
| FIRTH RIVER NEAR THE MOUTH | 10MD001 | 8 |
| FORTYMILE RIVER NEAR THE MOUTH | 09EC002 | 8 |
| FRANCES LAKE AT KILOMETRE 171.4 ROBERT CAMPBELL HIGHWAY | 10AB002 | 9 |
| FRANCES RIVER NEAR WATSON LAKE | 10AB001 | 9 |
| GILTANA CREEK NEAR THE MOUTH | 08AA009 | 10 |
| HESS RIVER ABOVE EMERALD CREEK | 09DA001 | 10 |
| HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD | 10AD002 | 11 |
| INDIAN RIVER ABOVE THE MOUTH | 09EB003 | 11 |
| KING CREEK AT KILOMETRE 20.9 NAHANNI RANGE ROAD | 10AB003 | 12 |
| KLONDIKE RIVER ABOVE BONANZA CREEK | 09EA003 | 12 |
| KLUANE LAKE NEAR BURWASH LANDING | 09CA001 | 13 |
| KLUANE RIVER AT OUTLET OF KLUANE LAKE | 09CA002 | 13 |
| KUSAWA LAKE NEAR WHITEHORSE | 09AC005 | 14 |
| LAKE LABERGE NEAR WHITEHORSE | 09AB010 | 14 |
| LIARD RIVER AT UPPER CROSSING | 10AA001 | 15 |
| M'CLINTOCK RIVER NEAR WHITEHORSE | 09AB008 | 15 |
| MARSH LAKE NEAR WHITEHORSE | 09AB004 | 16 |
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